

User Instruction

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1. Product Introduction

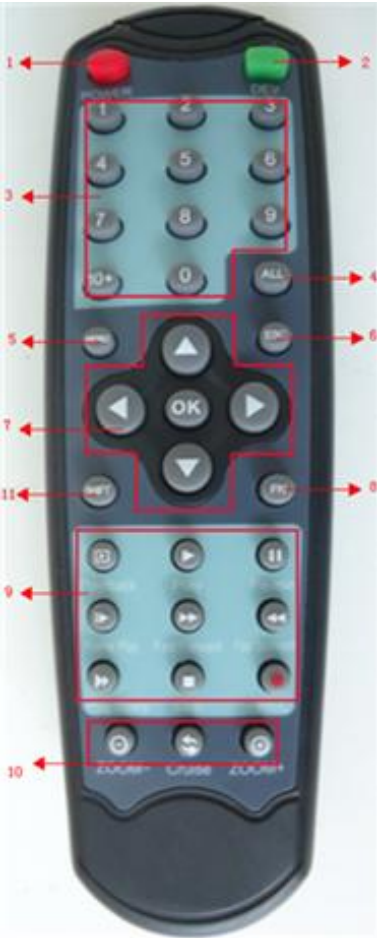
Network DVR is a monitoring product that allows audio and video synchronized. It adopts embedded and micro processor, so system runs more steadily. This product integrates functions such as video & audio, network transmission, alarming management, etc. Meanwhile, it has the features of DVR and DVS. It can not only work alone, but also can be networked to a powerful security monitoring network. It is widely used in school, factory, supermarket, bank, traffic, water conservancy facilities, residential area, and warehouse department, etc.

2. Installation

2.1. HDD Installation

1. Ensure Power supply has been disconnected, open the case cover;
2. Connect HDD data line, power line first , then fix the HDD in the case;
3. Install the cover, connect the power, which with adaptor, press the power switch;
4. Formatting the HDD (Please check details from : [System Setup—Peripheral—Storage Device—Formatting](#));
5. Network DVR can normally make snapshot and video.

2.2. Remote Operation



No.	Name	Description									
1	POWER	Press for about 3-5 seconds to shut down the DVR.									
2	DEV	Device match ID, can make the Remote and DVR one-to-one control, take 【4.6.3.2 Device No. 】 for reference.									
3	No. Key	1.can make the channel full screen 2.can input numbers and English character.									
4	ALL	Switch to multi-channels mode									
5	MENU	Press this key , it will recycling show Right Click Menu, Main Menu and Status Menu									
6	ESC	Close the upper operation interface;									
7	Direction Keys	1. To simulate mouse moving; 2. Select PTZ channel, while no interface can make PTZ turning. OK is confirm/select function									
8	FN	Popup system settings screen									
9	Playback Key	In turns: <table><tr><td>Play/back</td><td>Play</td><td>Pause</td></tr><tr><td>Frame play</td><td>Fast Forward</td><td>Fast Backward</td></tr><tr><td>Play Slowly</td><td>Stop</td><td>REC</td></tr></table>	Play/back	Play	Pause	Frame play	Fast Forward	Fast Backward	Play Slowly	Stop	REC
Play/back	Play	Pause									
Frame play	Fast Forward	Fast Backward									
Play Slowly	Stop	REC									
10	PTZ	ZOOM+/-: Adjust PTZ camera lens distance; Cruise: open/close cruise line									
11	SHIFT	Switch between English uppercase letters and lowercase letters									

2.3. Previewing window Icon Description

Icon	Description
	Means recording
	Means client-end is linking this channel.
 (Yellow)	means that this channel is set alarm, but is not triggered
 (Red)	Means the alarm is triggered.
	Means this window voice monitoring close.
	Means this window voice monitoring open.

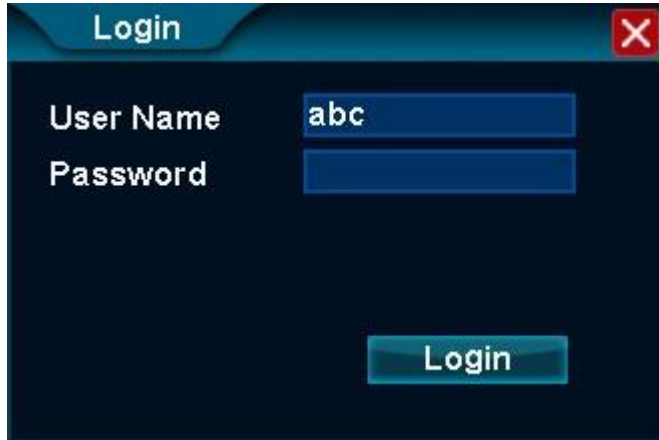
3. Fast Operation

3.1. Login

3.1.1. Normal Login

After starting system, it will popup [Login] screen, after user login can make other operation.

Remarks: If cancel [System Setup/General/General/Display Wizard] function, the login prompt won't given unless users operate the DVR.



Steps:

1. [User Name] input default user name 'abc';

2. [Password] is empty, that is nothing input;
3. Single click [Login], then finish login operation.

Remarks: If login failure for 3 times, mouse will be locked for 10 seconds, DVR will alarm until login successfully .

3.1.2. Temporary Login

If forget user name and password and make login failure, can use temporary login.

Steps:

- a) Error login again, note [Errcode],
- b) Contact with customer service, they will tell a temporary user name and password.



3.2. Menu Operation

Menu Operation is functions at [Right Click Menu] and [Main Menu],in order to make operation more easily.

User Instruction

Menu function as follows:



Right Click Menu: System Setup, View Layout , Video Adjust, PTZ, Clients, Snapshot, Photos, Record Setup, Playback, Clear Alarm



Main Menu: :System Setup, View Layout(3 layout), Sequence Interval, Zoom, Video Adjust, PTZ, Snapshot, Photos, Record Setup, Playback, Shutdown.

3.2.1. View Layout

Function Location: Right Click Menu:



Main Menu:



Function Summary: while previewing, it can adjust screen distribution mode, can choose View1, View2 (Picture in Picture), View4, etc.

Function Introduction:

Mode	Screen No.	Picture Changes	Display Order	Full Screen	Remark
1View	1	Select 'Channel No.'	1,2,3...16	/	/
2View (Picture in Picture)	2	Click 'Picture in Picture'	1+2,3+4... 13+14,15+16	Double click	Press on the small picture for a little long time , then can drag the picture
4View	4	Click 'View4'	1~4,5~8, 9~12,13~16	Double click	/

3.2.2. Sequence Interval

Function Location: Main Menu:



Function Summary: [Sequence interval] can show the previewing screen in turn, after finishing Sequence Interval, the screen layout will be the same with that before this function.

Steps:

1. Single click  at main menu to start Sequence Interval function ;
2. Setup how time interval ;

3. Single click [OK], then start 'Sequence Interval'



4. Single click  button, can stop Sequence interval function.
- 5.

3.2.3. Video Adjust

Function Location: Right Click Menu:



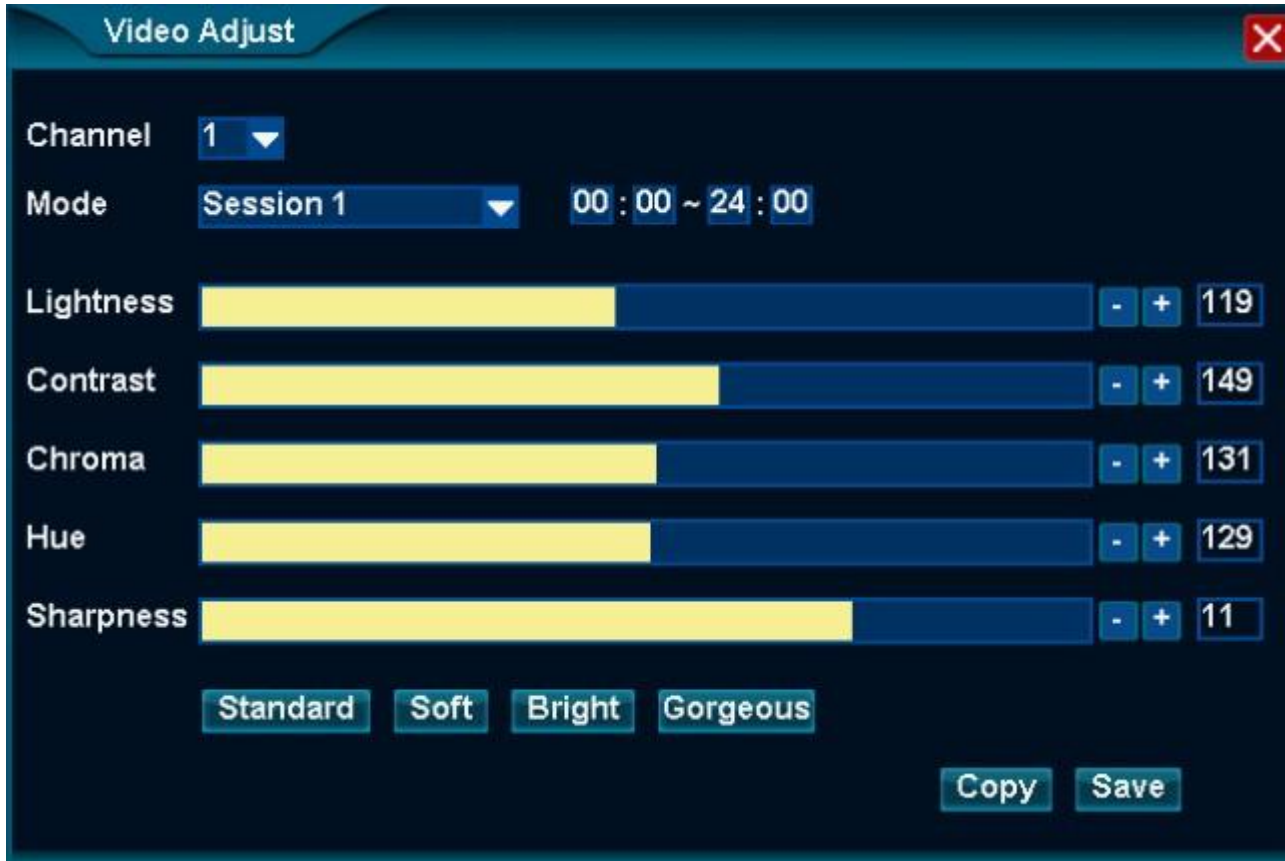
Main Menu:



Function Summary: can setup different video effects during different time range.

For Example: Session1 can setup as Day effect, Session2 setup as Night effect.

3.2.3.1. Session1



Steps:

1. From Right Click Menu or Main Menu, Single click video Adjust Icon;

2. Select channel need adjusting ;
3. Mode select [Session 1], setup the effective time range;
[Remarks: Session 1 default as the whole day](#)
4. Manually Adjust [Contrast, Chroma, Hue, Sharpness] ;
[Remarks: Also can single click \[Standard, Soft, Bright\] for speedy settings.](#)
5. Single Click [Save] to take effect.
[Remarks: \[Copy\] can copy this setup to all channels.](#)

3.2.3.2. Session 2

Steps:

Setup steps of Session2 is the same with Session1.

[Remarks: change Session2 valid time range into Night \(for example 17:30~06:00\), it will be night mode.](#)

3.2.4. PTZ

Function Location: Right Click Menu:



Main Menu:



Function Summary:

1. [PTZ Adjust] can adjust PTZ lens direction, Iris, Focus, Zoom, Speed.
2. [Preset positions Cruise] can adjust Preset Positions, Cruise Line, Aux.

3.2.4.1. PTZ Adjust



PTZ Adjust Steps:

1. Right Click Menu or Main Menu select [PTZ Control];
2. Change Channel No. into PTZ Channel;
Remarks: After selecting, it will be full screen showing; single click [16 View] can get multi-screen;
3. Change PTZ moving speed;
4. Single click up/down/right/left button to adjust PTZ lens direction;
Remarket: [Auto] can make PTZ Horizontal roll.
5. Single click [Iris/Focus/Zoom] can adjust brightness, focus, and image resizing.

Single Click [More] enter '3.4.5.2 Preset point Cruise'

3.2.4.2. Preset Point Cruise

Include Aux function, Preset, Patrol.

3.2.4.3. Aux Function



1. Choose 'AUX' function No;
2. Single click [AUX OPEN] can open corresponding function, for example wiper;
3. Single click [AUX CLOSE] can close the function.

3.2.4.4. Preset



1. Choose 'Preset No.' , for example :1;
2. Single click [Goto] can invoke the preset point.

3.2.4.5. Patrol



1. Single click [Patrol] , PTZ enter cruising condition;
2. Single click [Stop] , PTZ stop cruising.

3.2.5. Clients

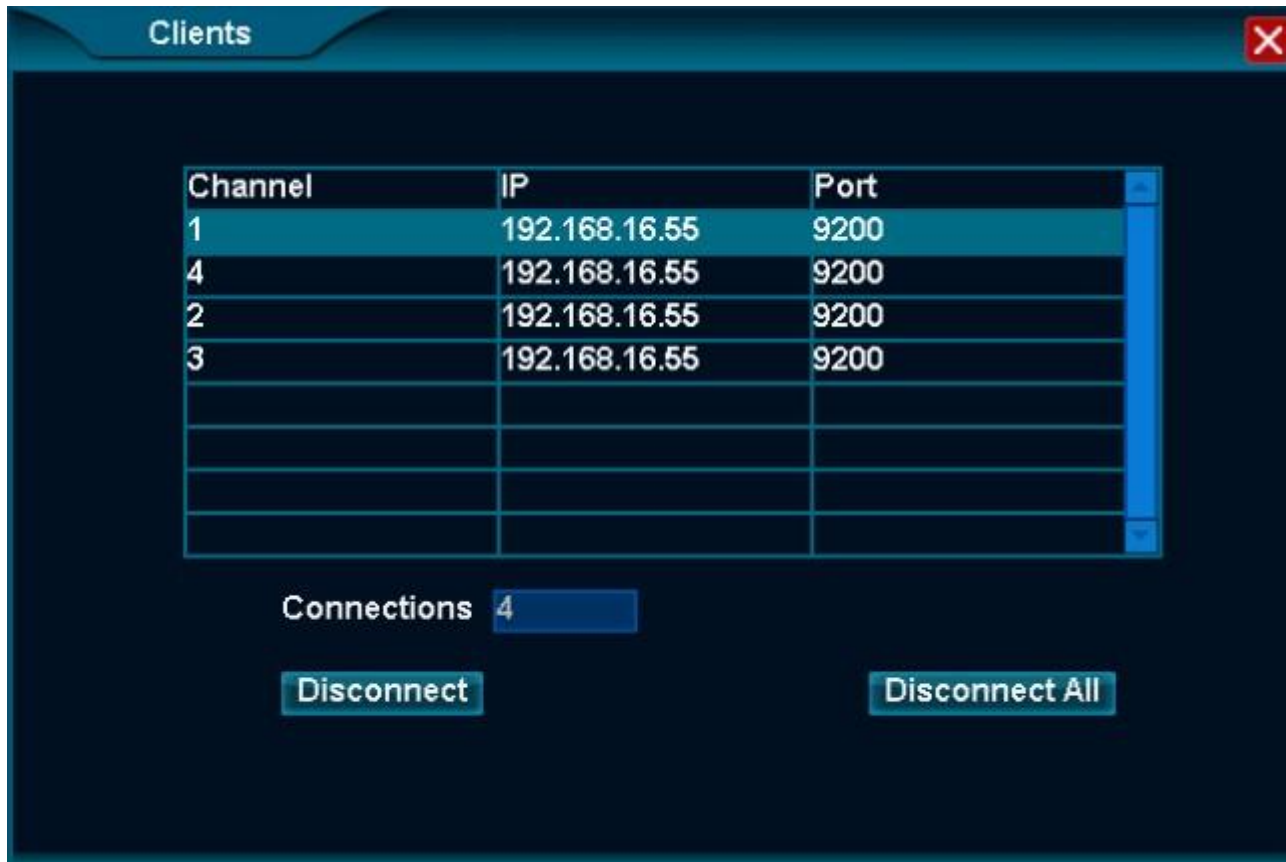
Function Location: Right Click Menu:



Function Summary:

1. Count client-end numbers that connecting with the DVR;
2. Disconnect any connection, or disconnect all connections.

User Instruction



All client-end connection information: channel, IP, Port, and Connections all information can check here.

Disconnect Steps:

1. From the list, select any channel to connect;

2. Single click [Disconnect] , can disconnect the remote connection;
3. Single click [Disconnect All], can disconnect all remote connection.

3.2.6. Snapshot

Snapshot function includes [Snapshot], [Photos] two functions.

3.2.6.1. Snapshot

Function Location: Right Click Menu:



Main Menu:



Function Summary: :can make snapshot of object image and store into the HDD.

Steps:

1. Right click Right Click Menu or Main Menu [Snapshot];
[Remarks: enter snapshot condition; the mouse icon will change into camera icon.](#)
2. Move into snapshot screen, single left click can get the snapshot, check the picture for prompt;
3. Right click can cancel snapshot condition.

3.2.6.2. Photos

Function Location: Right Click Menu:



Main Menu:



Function Summary:

1. Can query the snapshot stored in the DVR, include Manual Snapshot, Alarm Snapshot, Record Snapshot.
2. Can copy the snapshot into USB disk.



3.2.6.3. Snapshot Query

Steps:

User Instruction

1. [Search Type] choose snapshot type, default is All Picture;
2. [Channel] choose the channel for snapshot, default is All channels;
3. [Start] ~[End] is snapshot time range (Longest is 1 month), default is 'today' ;
4. [Search] button, single click, then the right list can show the eligible snapshot.

[Remarks: single click can show the snapshot contents.](#)

3.2.6.4. Picture Backup

Steps:

1. Connect FAT32 format U disk into the DVR USB port;
2. Single click to choose a picture and it can only choose one;
3. Single click [Backup to USB], after the prompt shown backup successfully can take away the U disk.

3.2.7. Record Function

Record function includes:

1. **Record Setup:** open/close Manual Record (default is open), open/close Scheduled Record;
2. **Playback:** Query, Playback, Backup.

3.2.7.1. Record Setup

Function Location: Right Click Menu:



Main Menu:

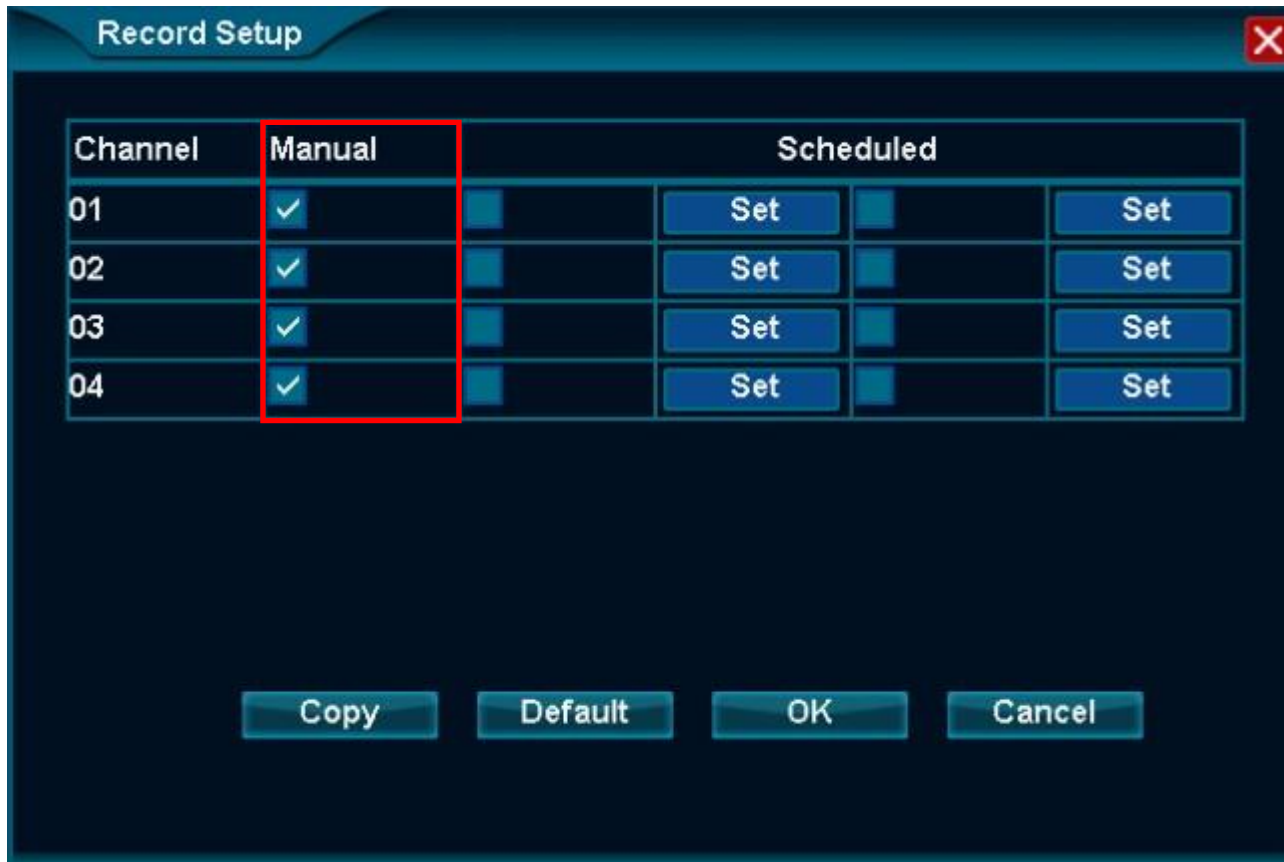


Function Summary:

User Instruction

1. Can open/close each channel Manual Record;
2. Can open/close each channel Scheduled Record?

3.2.7.2. Manual Record



The image shows a 'Record Setup' dialog box with a dark blue background. At the top, the title 'Record Setup' is displayed in white, with a red close button (X) on the right. Below the title is a table with four columns: 'Channel', 'Manual', and two columns under the 'Scheduled' header. The table contains four rows for channels 01, 02, 03, and 04. In the 'Manual' column, each row has a checkmark icon. The 'Scheduled' columns contain empty checkboxes and 'Set' buttons. A red rectangular box highlights the 'Manual' column and its checkmarks. At the bottom of the dialog, there are four buttons: 'Copy', 'Default', 'OK', and 'Cancel'.

Channel	Manual	Scheduled			
01	✓	☐	Set	☐	Set
02	✓	☐	Set	☐	Set
03	✓	☐	Set	☐	Set
04	✓	☐	Set	☐	Set

Copy Default OK Cancel

Step I: Open Manual Record

1. Right Click Menu or Main Menu .Select [Record Setup];
2. Select channel, and choose 'Manual' option;

Remarks: [Copy] can make the settings apply to all channels

User Instruction

3. Single click [OK] to open Manual Record ;

Remarks: Recording channel has the icon: , Manual Record default is open .

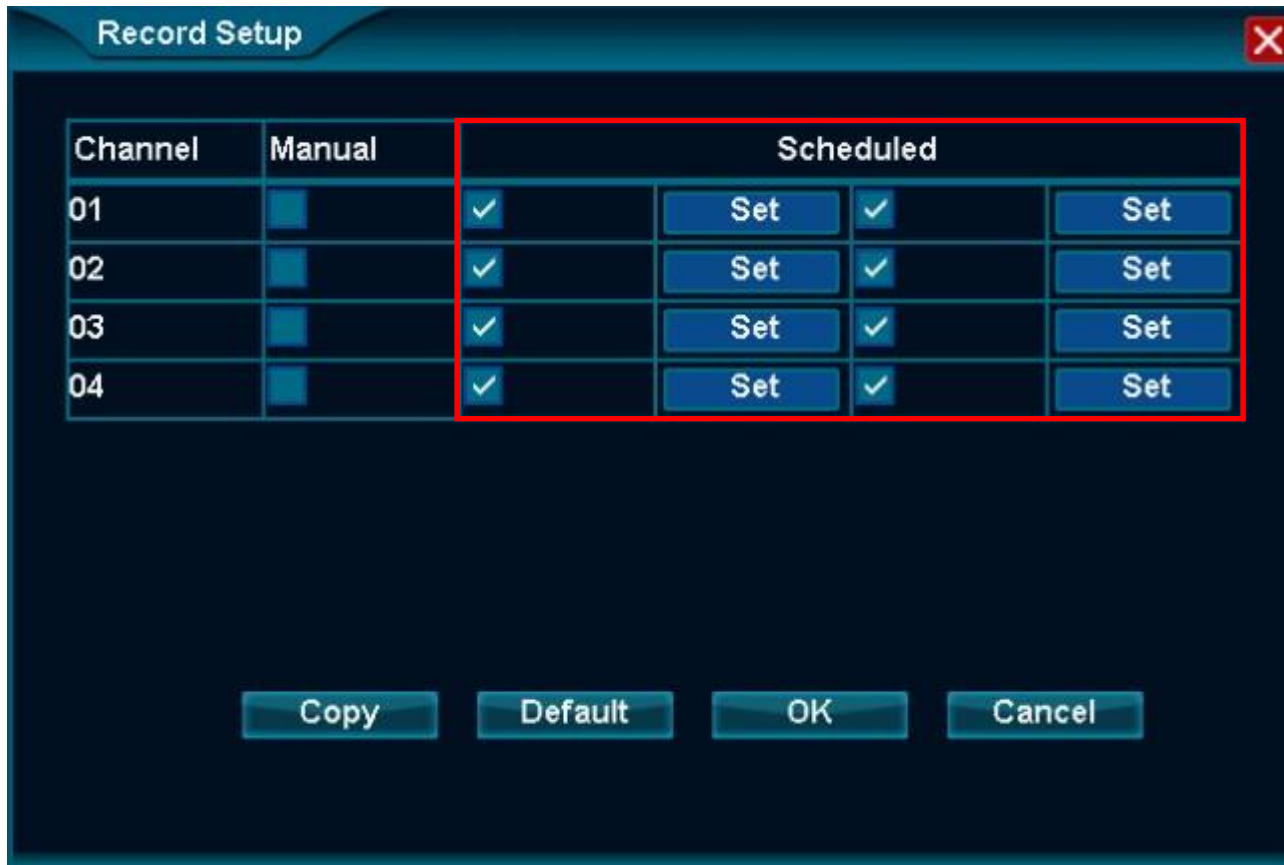
Steps II: Close Manual Record

1. Choose the channel, cancel 'Manual' Option;

Remarks: [Copy] can apply the settings to all channels.

2. Single click [OK] TO CLOSE Manual Record function.

3.2.7.3. Scheduled Record



The image shows a 'Record Setup' dialog box with a dark blue background. It features a table with four columns: 'Channel', 'Manual', and a 'Scheduled' section containing two sub-columns. The 'Scheduled' section is highlighted with a red border. Each row in the table represents a channel (01 to 04). The 'Manual' column has a checkbox. The 'Scheduled' section has a checkbox and a 'Set' button for each channel. At the bottom, there are four buttons: 'Copy', 'Default', 'OK', and 'Cancel'.

Channel	Manual	Scheduled	
01	☐	☒	Set
02	☐	☒	Set
03	☐	☒	Set
04	☐	☒	Set

Copy Default OK Cancel

Step I: Open and Setup Scheduled Record

1. Right Click Menu or Main Menu. Select [Record Setup];
2. Select channel, and choose 'Scheduled' option;

Remarks: [Copy] can make the settings apply to all channels

3. Single click [Set] to modify Scheduled Record time range;
[Remarks: Scheduled Record can be divided into 2 time ranges.](#)
4. Single click [OK] to OPEN Scheduled Record
[Remarks: channel has the icon:](#) .

3.2.7.4 Playback

Function Location: Right Click Menu:



Main Menu:



Function Summary:

1. It can query, playback record file of any channel;
2. It can backup file into U disk.

3.2.7.4.1 Query Playback



Operation Steps:

User Instruction

1. Right Click Menu or Main Menu[Playback] ;
2. Modify playback starting date and time

Remark: Also can click to choose playback position, double click open minute view as follows, double click again back to hour view.

3. Choose video type: Scheduled/ Manual/ Alarm/ Motion Detection ;
4. Choose playback channel , can multi-select or all select;
5. Single click [Play] button, can display the video.

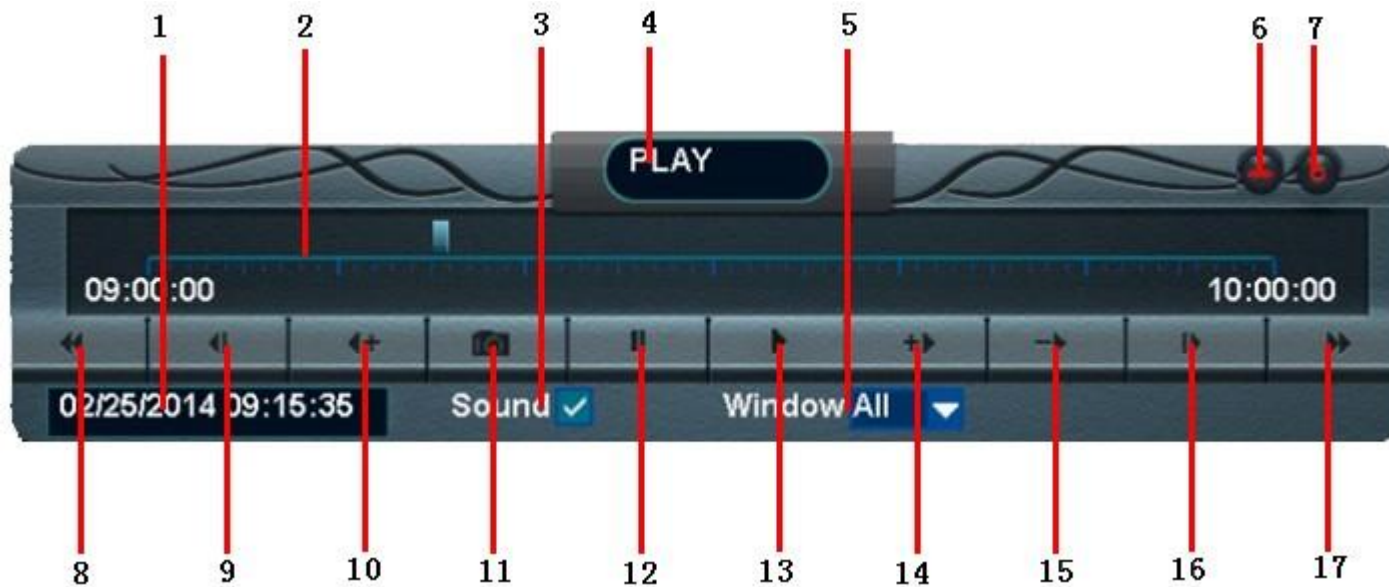
User Instruction



3.2.7.4.2 Playback Adjusting

When playback, users can adjust the speed and progress.

User Instruction



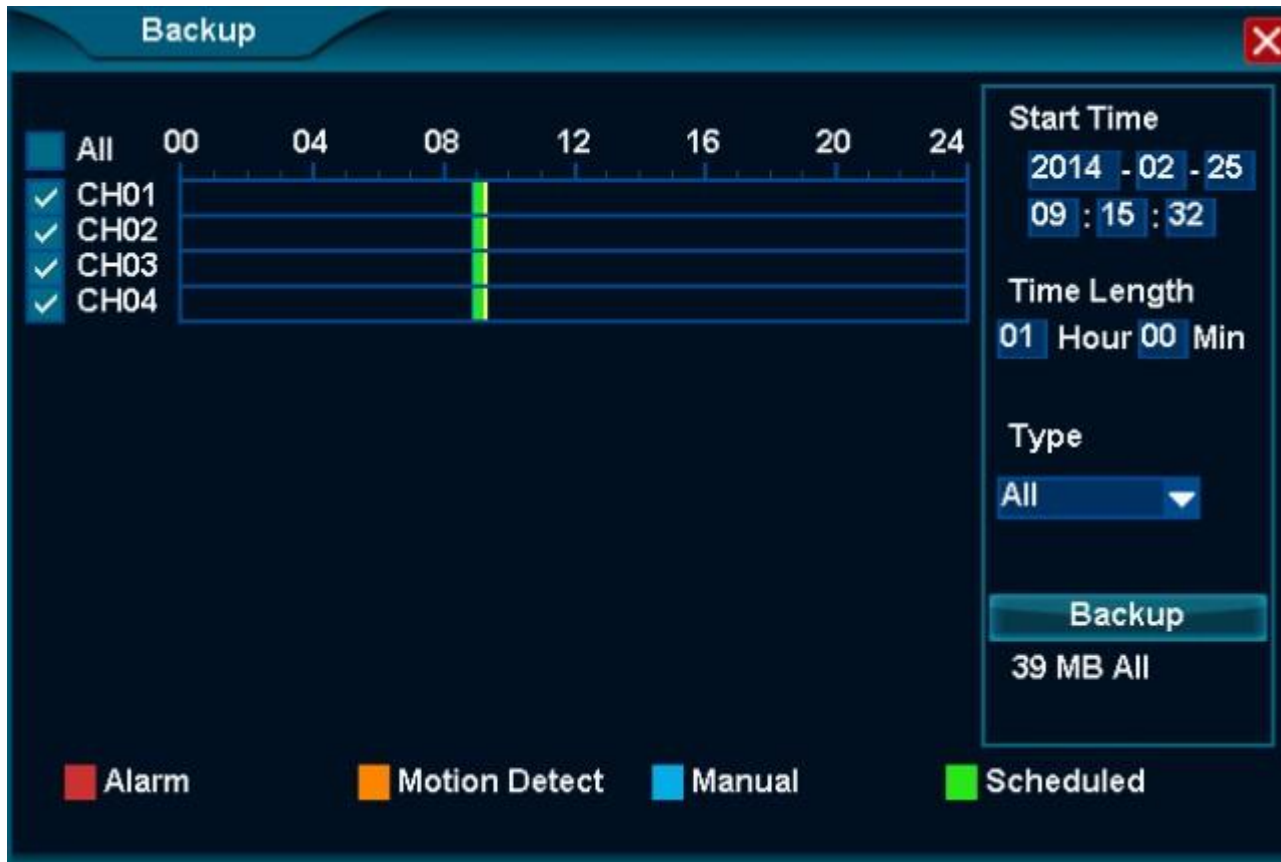
Serial No.	Name	Description	Serial No.	Name	Description
1	Playback time	Current playback time	10	Fast Backward	Fast backward display, single click to switch X8/X16
2	Progress Bar	Progress of the current playback file in 1 hour	11	Snapshot	Snapshot for object screen
3	Sound	Open/close sound playback	12	Pause	Pause display
4	Condition	Playback Condition	13	Display	Display the video

User Instruction

5	Window	Choose the operation window	14	Fast Display	Accelerate display , single click to switch X2/X4/X8/X16
6	Minimize	Minimize this interface	15	Slow Display	Decelerate display, single click to switch X1/2 X1/4 X1/8 X1/16
7	Shutdown	Exit the playback	16	Single Frame	Each single click can go ahead 1frame
8	A Hour Ago	Choose the window and playback the video a hour ago	17	Next a Hour	Choose the window and display the video next hour
9	Backward	Each single click chosen widow ,it will back up 2S			

3.2.7.5 Backup

It can backup the record file into U disk.



Operation Steps:

1. Single click [Backup] , open the backup interface;
2. Modify the backup start time;
3. Modify the backup time range;

4. Choose Record Type, Scheduled/ Manual/Alarm/ Motion detection record;
5. Choose backup channel;
6. Single click [Backup] to backup the file selected into U disk;
7. Install the display plug-in, then can use Media Player to display the backup file.

3.2.8 Clear Alarm



Function Location: Right Click Menu:

Function Summary: can clear some channel or all channel Alarm effect.

Operation Steps:

1. Right click alarming channel, choose [Clear Alarm/ Current] can clear alarming of current channel;
2. Right click all channels, choose [Clear Alarm/ Clear All] can clear alarming of all channels.

3.2.9 Shutdown



Function Location: Main Menu:

Function Summary: can Logout, Shutdown and Restart.



4 System Setup

Function Location: Right Click Menu:  System Setup

4.1 Functional Structure

Category	Group	Function Point
General	General	Language, NTSC/PAL, Transparency, VGA Resolution, Wizard, Speedy Function
	Time	Date, Time, Auto Synchronize Time, Time zone Setting

User Instruction

	User	Local user, Network User, Automatic Logout
Channel	Preview	Ch Name, OSD Position, Hide Video, Privacy Mask
	Stream	Main Stream, Minor Stream
	Audio	Audio Compress, Audio Monitoring, Bind with Video
Network	Setting	Dialing Setting, IP Setting
	Service	WebCC, Bi-directional Talk
Alarm	Motion Detection	Motion Detection Alarm Setup, Alarm Output
	No Video	Video Loss Alarm Setup, Alarm Output
	Alarm Device	Alarm Device Alarm Input Setup, Alarm Output
	Alarm Task	Motion Detection, No Video, Alarm Device, Start Time/ End Time Setting of Alarm input
	E-mail	Alarming E-mail Server, Sender Setting, Receiver Setting
System	Log	Log Query, Backup
	Maintenance	Reboot Setup, Update, Reset Factory, Import Setting, Export Setting
	Information	Product Model, Serial Number, Software Version, Hardware Version Software Release Time
Device	Storage	Storage device condition, Format
	PTZ	PTZ Setting, Preset, Patrol
	Other Device	Width of Monitor, Height of Monitor, Device ID

4.2 General

Functions:

User Instruction

General: for example: Language, NTSC/PAL, Transparency, VGA Resolution, Display CloudSEE ID, Wizard, etc.;

Time: for example date format, Set Date/Set Time, Auto Synchronize Time, Time zone setting;

User: Local User, Network User Add/Delete/ Edit.







4.2.1.1 NTSC/PAL

Function Location: General—General—NTSC/PAL

User Instruction

Function Summary: change the current video standard, supports standard **PAL/NTSC**.

Remark: It takes effect after restarting.





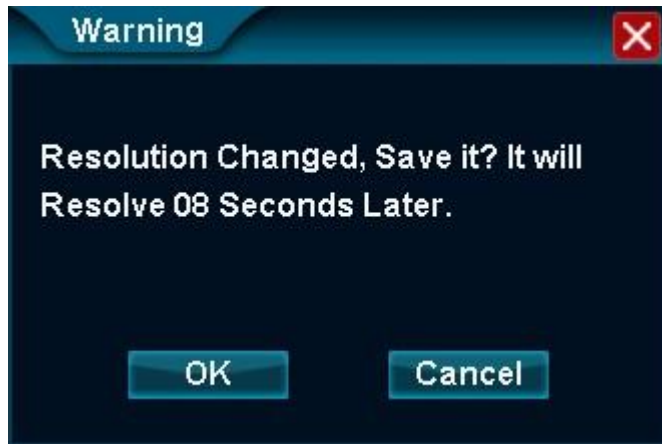
4.2.1.2 VGA Resolution

Function Location: General/General/VGA Resolution

Function Summary: Modify resolution of the DVR output to display.

User Instruction





Remarks: After modifying the resolution, if not confirm in 10 seconds, it will automatically cancel in order to avoid problem of display doesn't support large resolution

4.2.1.3 Wizard

Function Location: General/General/Wizard

Function Summary: choose this function, while starting the DVR, it will display as startup

Remarks: click Wizard button can enter wizard screen at any time.

4.2.1.4 Function Demo

Function Location: General/General/Function Demo

Function Summary: display as a demo, guide the user to make speedy setup

4.2.2 Time

Function Location: General/Time

Function Summary: Setup system time, for example Set date, Set Time, Timezone Setting, Auto Synchronize Time, etc.



4.2.3 User

4.2.3.1 Local User

Function Location: General/ User/ Local User

Function Summary:

1. It allows local users login the DVR and make allowed operation;
2. It allows add/edit/delete local users.

User Instruction



The image shows a 'System Setup' dialog box with a dark blue theme. On the left is a vertical menu with options: General, General, Time, User (highlighted), Channel, Network, Alarm, System, and Device. The main area is titled 'User' and contains a 'User Group' dropdown menu set to 'Local User'. Below this is a 'User List' table with one entry 'abc' and several empty rows. To the right of the table are 'Add', 'Edit', and 'Delete' buttons. At the bottom of the main area, there is a checkbox for 'Automatic Logout' which is checked, followed by 'Wait 5 Min'. The bottom of the dialog has 'Apply', 'OK', and 'Cancel' buttons.

System Setup

General
General
Time
User
Channel
Network
Alarm
System
Device

User Group: Local User ▼

User List

abc

Add Edit Delete

☒ Automatic Logout Wait 5 Min

Apply OK Cancel

User Instruction



A dialog box titled "Local User" with a red close button in the top right corner. It contains two text input fields for "User Name" and "Password". Below these are two columns of checkboxes, each with a small blue square icon to its left. The first column includes "Record Management", "Clients", "PTZ", and "Quit". The second column includes "Snap Management", "System Setup", "Video Adjust", and "User Management". At the bottom, there are four buttons: "All", "None", "OK", and "Cancel".

Local User [X]

User Name

Password

☐ Record Management	☐ Snap Management
☐ Clients	☐ System Setup
☐ PTZ	☐ Video Adjust
☐ Quit	☐ User Management

4.2.3.1.1 Automatic Logout

Function Location: General/ User/ Automatic Logout

Function Summary:

1. As User operation upto the duration set, it will automatically logout (1-99 mins);
2. Users need to login again to continue the operation t, this function in order to improve the safety.

4.2.3.2 Network User

Function Location: General/ User/ Network User

Function Summary: while remote monitoring, this setting will be as the user name and password in client-end.

User Instruction

The image shows a 'System Setup' dialog box with a dark blue theme. On the left is a vertical menu with options: General, General, Time, User (highlighted), Channel, Network, Alarm, System, and Device. The main area is titled 'User Group' and contains a 'User List' table with one entry 'abc'. To the right of the table is a 'Network Use' dropdown menu. Below the table are 'Add', 'Delete', and 'Edit' buttons. At the bottom, there is a checkbox for 'Automatic Logout' (checked), a 'Wait' label, a numeric input field with '5', and a 'Min' label. The bottom right corner has 'Apply', 'OK', and 'Cancel' buttons.

System Setup

General
General
Time
User
Channel
Network
Alarm
System
Device

User Group

Network Use ▼

User List

abc

Add Edit

Delete

☒ Automatic Logout Wait 5 Min

Apply OK Cancel

User Instruction

Network User ✕

User Name

Password

☐ PTZ ☐ Playback

☐ System Setup ☐ Other

☐ CH01 ☐ CH02 ☐ CH03 ☐ CH04

4.3 Channel

Function:1.**Preview setting**:Channel name, OSD position, Hide video, Privacy mark;

2.**Code stream setting**:Main code stream image size and code rate; minor code stream image size, kbps, fluency

3.**Audio setting**:Audio compression, Audio monitoring

4.3.1 Preview setting

4.3.1.1 Preview adjustment

Function position:Channel| Preview setting

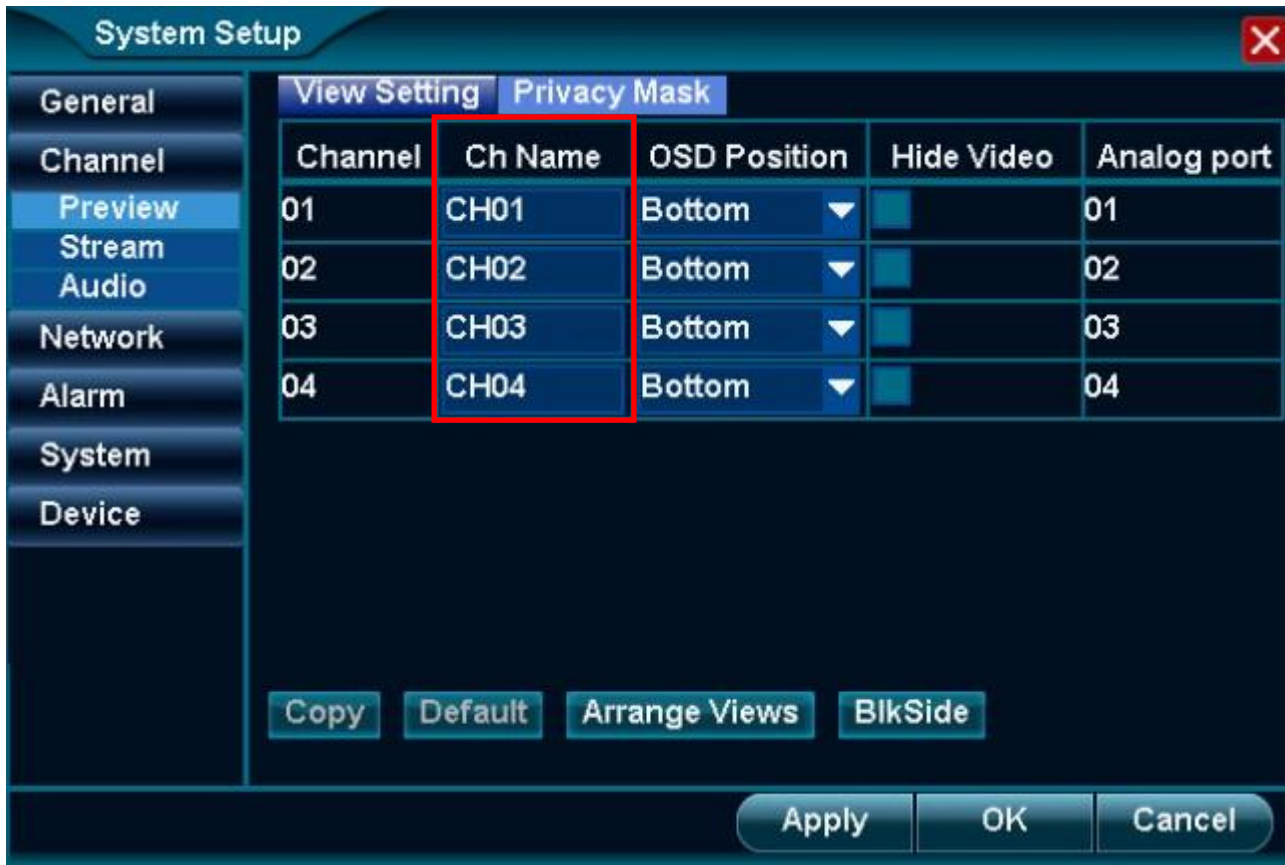
Function introduction: 1.Modify channel name;

2. Modify OSD position

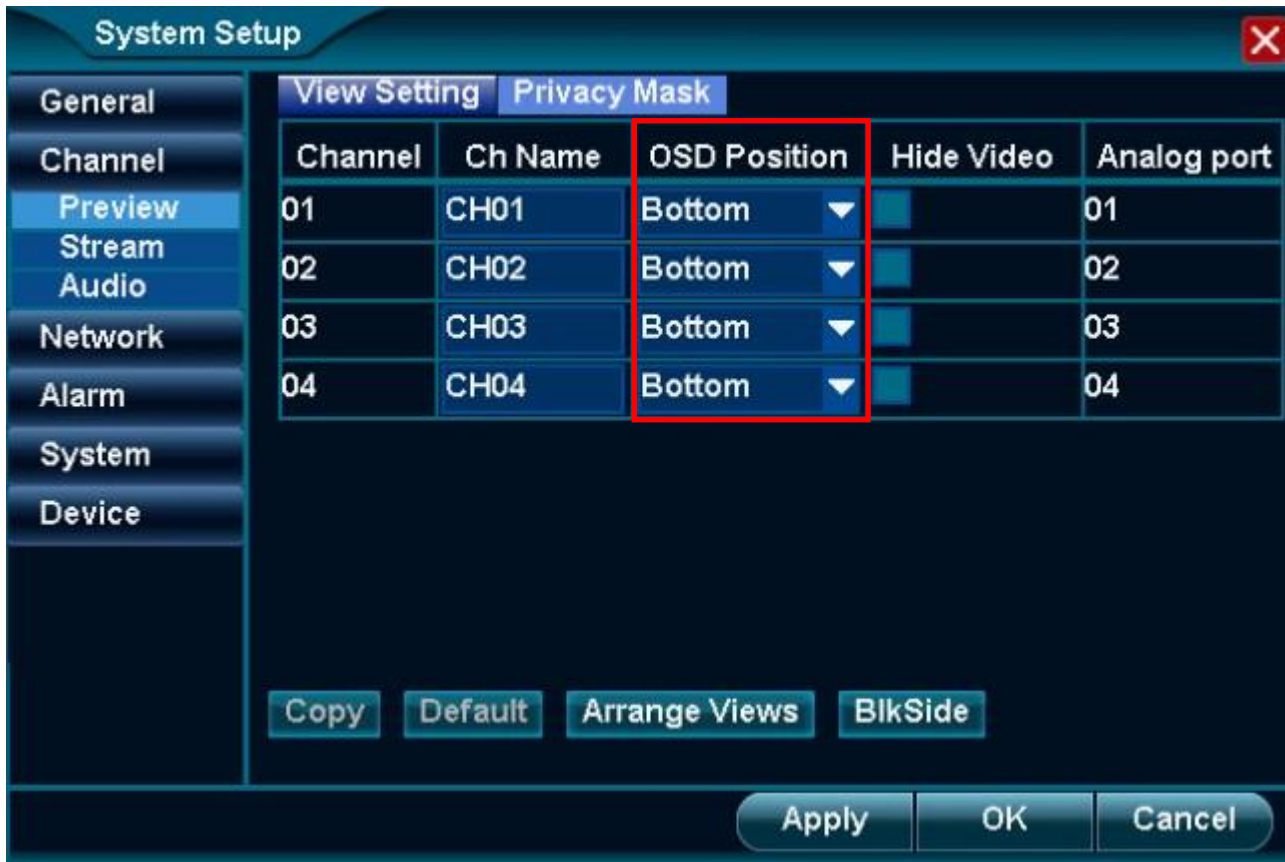
3. Hide video



4.3.1.1.1 Modify channel name



4.3.1.1.2 Modify OSD position



4.3.1.1.3 Hide video

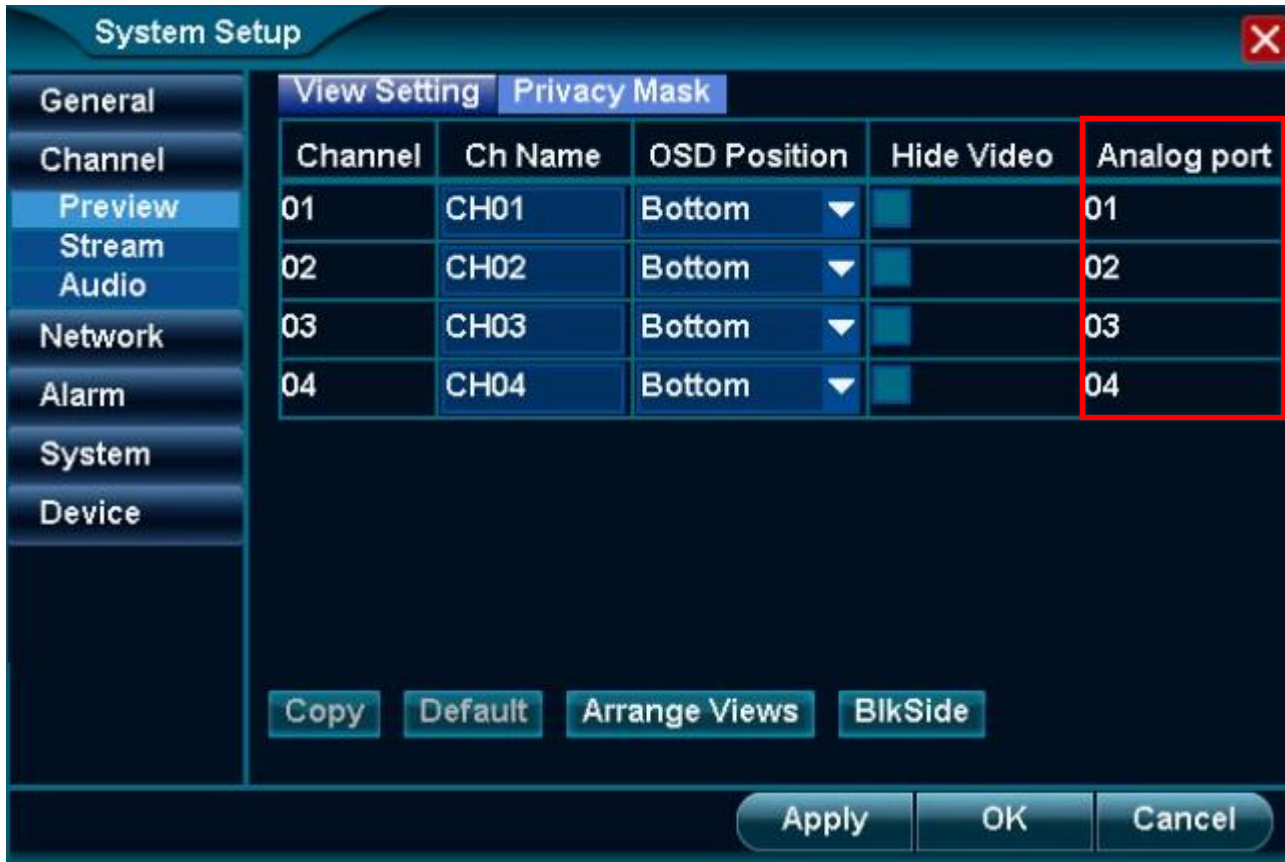
**Steps:**

1. Left click the box after "Hide Video"

User Instruction

Click **【Apply】** or **【ok】** ,then preview the selected channel, that has been hided.

4.3.1.1.4 Analog Port



Steps:

User Instruction

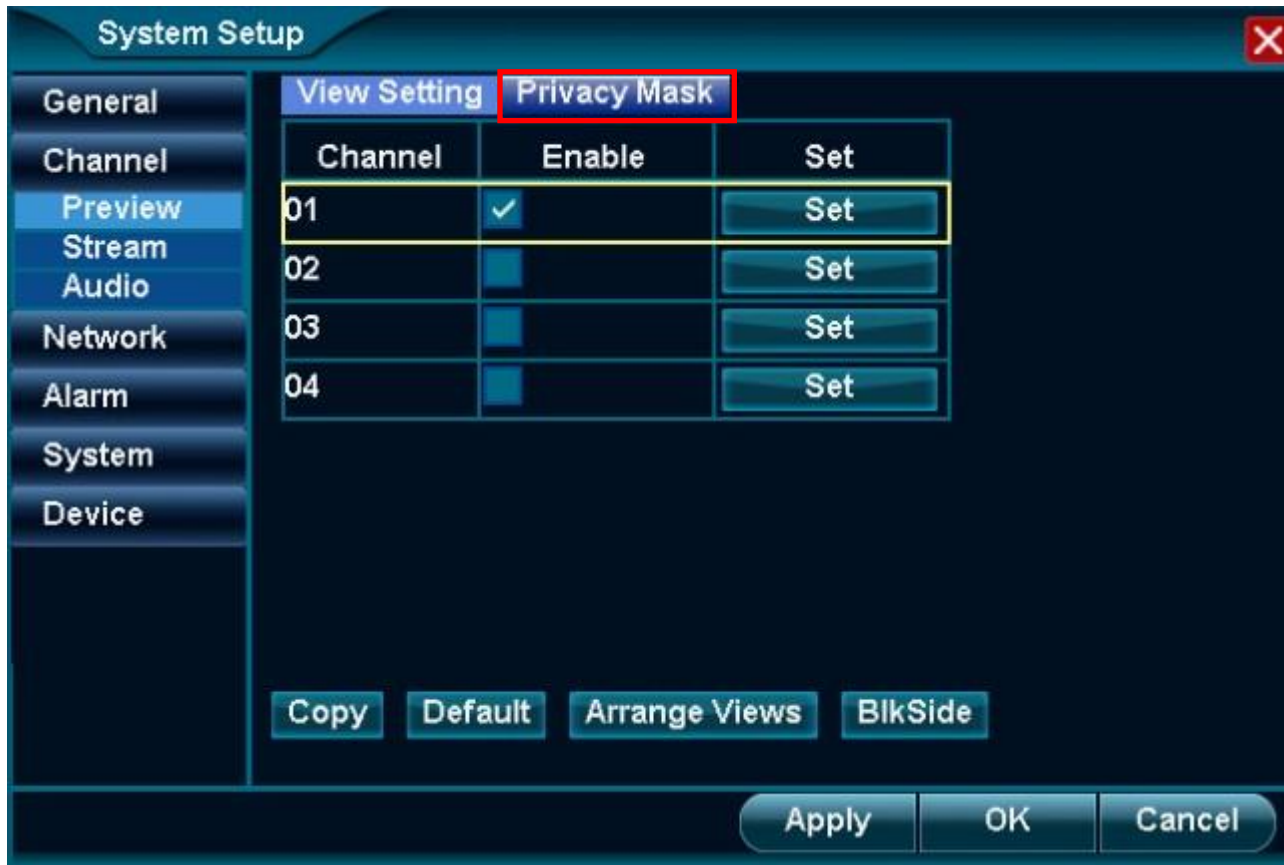
1. Left click the box after "Analog port";

Click 【Sort chn】 Preview the channel 1, that show "Sort chn 1", then drag the channel to sort

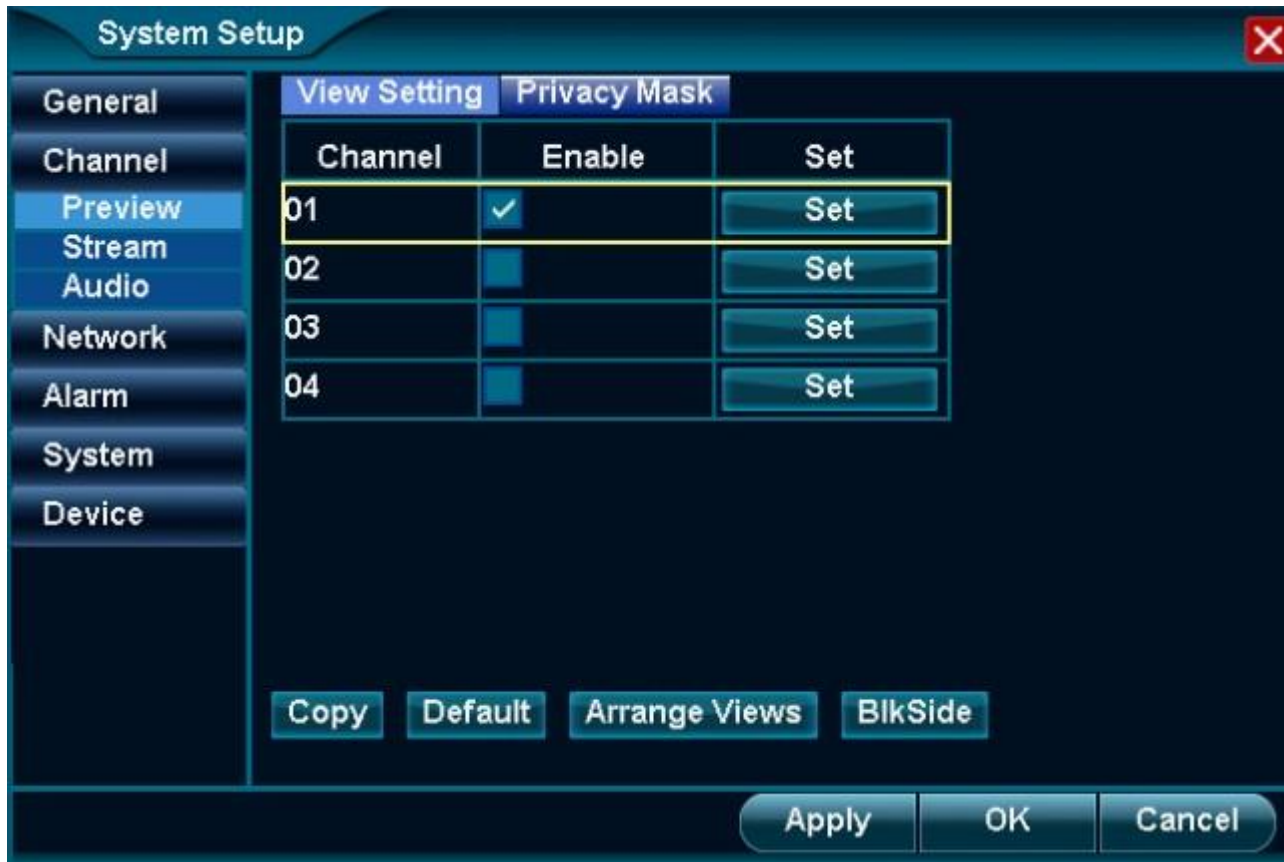
4.3.1.2 Privacy mask

Function position: Channel| Preview setting| Privacy mask

Function introduction: Hide the part of channel, max 4 privacy mask.



Step 1: Open privacy mask, and start this function



1. Click **【Privacy mask】** ;
2. Choose "Enable";
*Note: **【Copy】** ,other channels can have same setting.*
3. Click **【setting】**

Step 2:Setting part of privacy mask



Step 3:Ok; Apply

User Instruction

1. Click **【ok】** ,then **【Apply】** or **【ok】** .

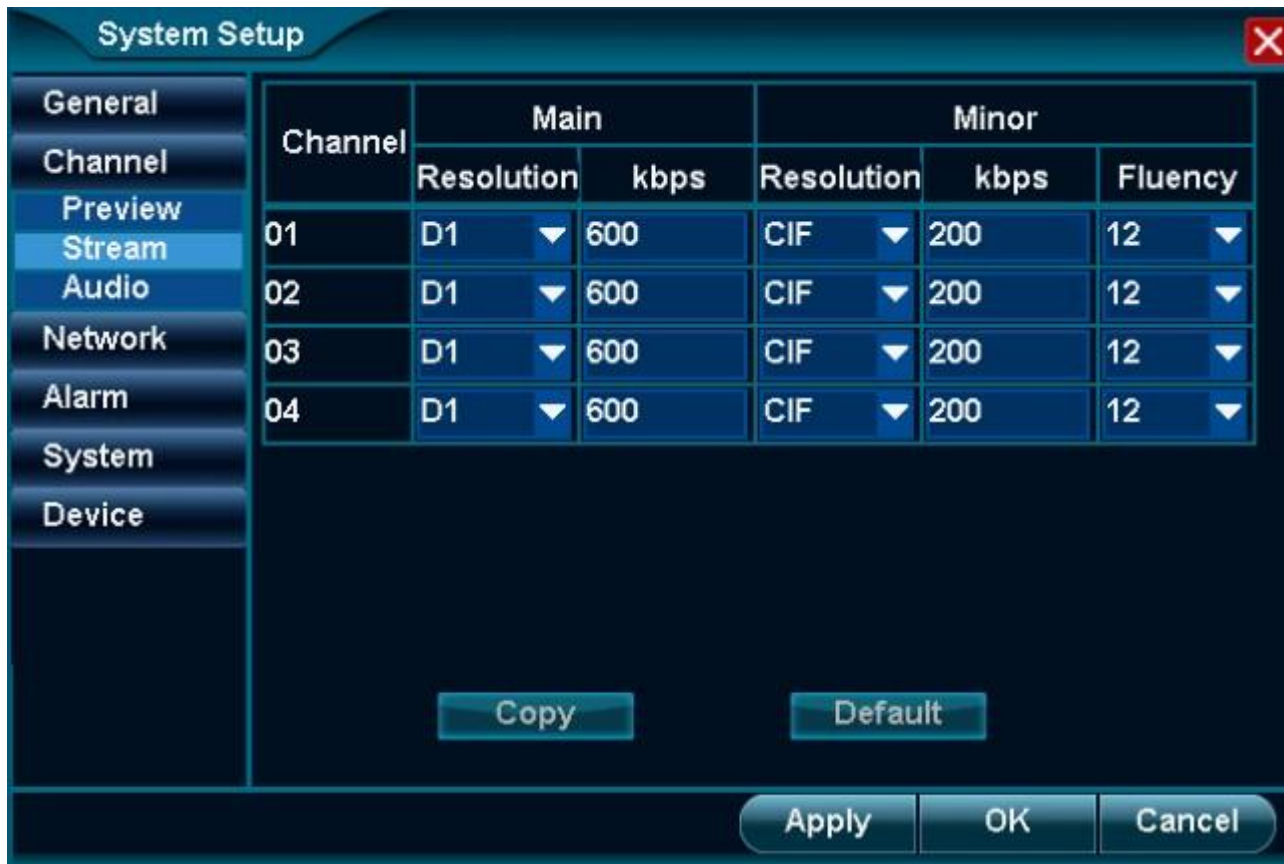


4.3.2 Stream setting

Function position:Channel| Stream setting

Function introduction: 1.Main stream setting—stream for local record;
2. Minor stream setting—stream for network transmission

User Instruction



The image shows a 'System Setup' dialog box with a sidebar on the left containing menu items: General, Channel, Preview, Stream (highlighted), Audio, Network, Alarm, System, and Device. The main area displays a table for configuring four channels (01-04). Each channel has settings for Main and Minor streams, including Resolution, kbps, and Fluency. Below the table are 'Copy' and 'Default' buttons. At the bottom right are 'Apply', 'OK', and 'Cancel' buttons.

Channel	Main		Minor		
	Resolution	kbps	Resolution	kbps	Fluency
01	D1 ▼	600	CIF ▼	200	12 ▼
02	D1 ▼	600	CIF ▼	200	12 ▼
03	D1 ▼	600	CIF ▼	200	12 ▼
04	D1 ▼	600	CIF ▼	200	12 ▼

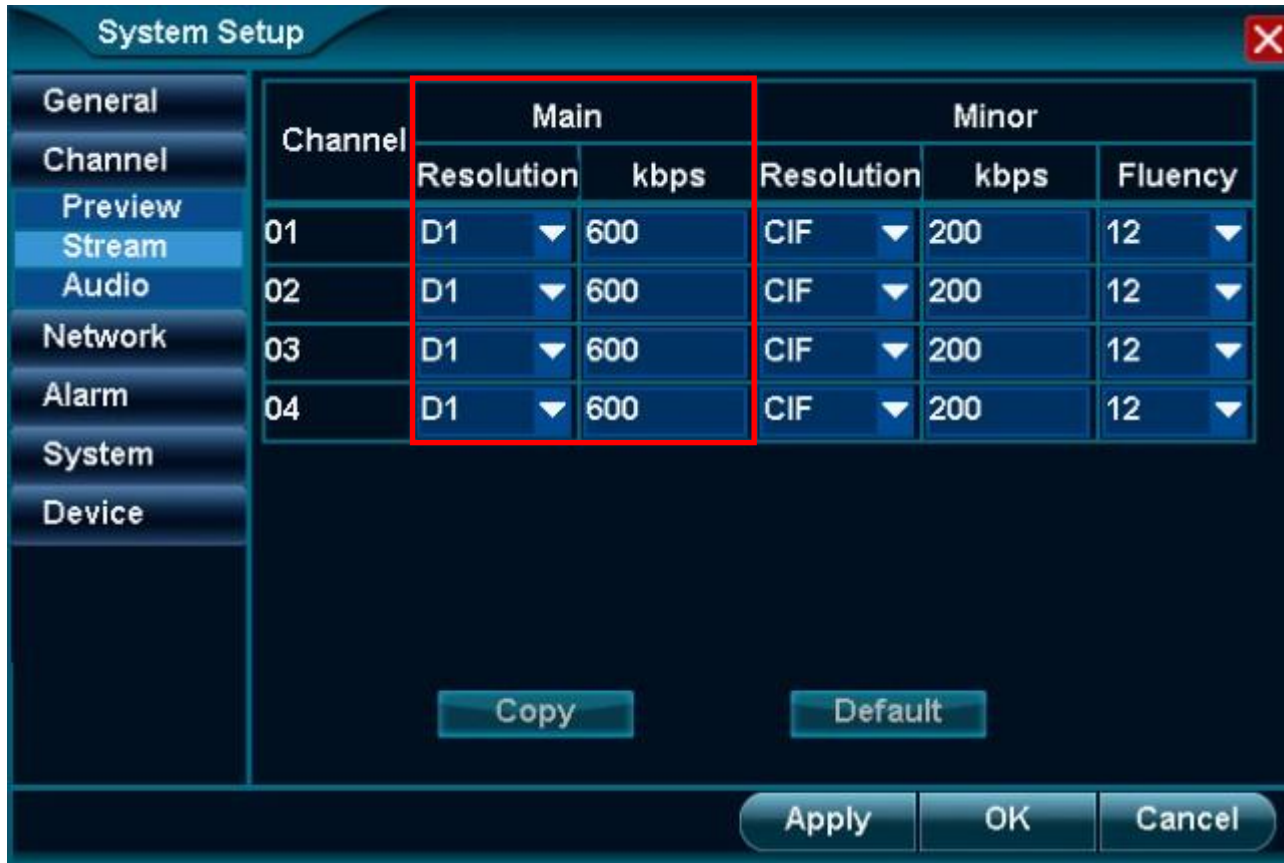
Copy Default

Apply OK Cancel

4.3.2.1 Main stream

Function position: Channel| stream| Main stream

Function:Main stream: stream for local record; Resolution can choose No/**D1**/**CIF**, kbps can be adjusted.



User Instruction

Name	Choice	Introduction
Resolution	D1/CIF	D1: PAL video standard—image resolution 704*576; NTSC video standard,image resolution 640*480. CIF:PAL video standard—image resolution 352*288; NTSC video standard,image resolution 320*240.
kbps	D1(600kbps) CIF(400kbps)	The more the number, the higher the image quality, the larger HDD it will take

Steps:

1. Modify" Resolution":NO/CIF/D1;
2. Modify"Kbps";

[Note: 【Copy】 ,other channels can have same setting](#)

3. Click 【Apply】 or 【ok】

[Note: Please take compression frame rate in parameter form for reference to setting local
Compression frame rate](#)

4.3.2.2 Minor stream

Function position:Channel| stream| Minor stream

Function introduction:Minor stream: stream for network transmission;resolution choice **No/QCIF/CIF**,kbps can be adjusted,fluency choice **High/Middle/low**

User Instruction

System Setup

General

Channel

Preview

Stream

Audio

Network

Alarm

System

Device

Channel	Main		Minor		
	Resolution	kbps	Resolution	kbps	Fluency
01	D1 ▼	600	CIF ▼	200	12 ▼
02	D1 ▼	600	CIF ▼	200	12 ▼
03	D1 ▼	600	CIF ▼	200	12 ▼
04	D1 ▼	600	CIF ▼	200	12 ▼

Copy

Default

Apply

OK

Cancel

Name	Choice	Instruction
Resolution	No/QCIF/CIF	No:Close minor code stream,and make net work transmission by main stream QCIF:PAL video standard—image resolution 176*144;

User Instruction

		NTSC video standard,image resolution 160*120. CIF:PAL video standard—image resolution 352*288; NTSC video standard,image resolution 320*240.
(kbps)	Close QCIF(200kbps) CIF(200kbps)	The more kbps, the higher image quality, the more network source that will be took up
Fluency	High/Middle/low	The more fluency, the higher image quality, the more network source that will be took up Please take compression frame rate in parameter form for reference

Note:Default fluency “low”,support 14 D1 playback

Fluency “Close”, support 16 D1 playback

Fluency “High”, support only 12 D1 playback

Steps:

1. Modify“Resolution”No/QCIF/CIF;
2. Modify“kbps”;
3. Modify” Fluency” **High/Middle/low**

Note: **【Copy】** ,other channels can have same setting

4. Click **【Apply】** or **【ok】**

4.3.3 Audio setting

Function position:Channel| Audio setting

Function introduction: 1.Audio monitoring:Hear channel sound locally

2.Audio compression:Audio/video record, network monitoring. Remote view.



4.3.3.1 Audio compression

Function position: Channel| Audio| Audio compression

Function introduction: 1. Choose "Audio compression", will record both sound and video

2. Choose "Audio compression" Network monitoring and remote record will be audio and video



Step:

1. Choose "Audio compress", "open";
Note: **【Copy】** ,other channels can have same setting
2. Click **【Apply】** or **【ok】**
3. local record, network monitoring and remote record will be audio and video

4.3.3.2 Audio monitoring

Function position: Channel| Audio| Audio monitoring

Function introduction: 1. Choose "Audio monitoring", support local audio;
2. Audio volume can be adjusted

**Steps:**

1. Choose "Audio monitoring", "open";

Note: **Copy**, other channels can have same setting

2. Click **Apply** or **OK**, connect audio out, can hear sound

3. Audio volume can be adjusted.

4.3.3.3 Bind with video

Function position:Channel| Audio| Bind with video

Function introduction: 1.Choose“Bind with video”, when see video, can hear the bind audio
2.Audio volume can be adjusted

**Steps:**

1. Choose "Bind with video", then choose "CH01";

Note: **Copy**, other channels can have same setting

Click **Apply** or **OK** when see channel 1 video, can hear the bind audio accordingly.

4.4 Network

Function:1.**Network setting**:Choose ADSL dial-up, wireless dial-up, DHCP gets IP automatically in LAN, Manual setting IP in LAN.

2. **Network service**: WebCC, Bi-directional talk function

4.4.1 Network setting

Function:Network| network setting

Function introduction: 1.Dial-up setting;

2. DHCP gets IP automatically,Manual setting IP;

4.4.1.1 Dial-up

ADSL dial-up,or 3G card dial-up.

The screenshot shows a window titled "PPPoE" with a red close button in the top right corner. The window is divided into three sections for different network types: ADSL, 3G Card, and WIFI. Each section has a status indicator, input fields for Account and Password, and buttons for Connect and Disconnect. The WIFI section also includes a Search button next to the Account field.

Network Type	Status	Account	Password	Connect	Disconnect	Search
ADSL	Disconnected			Connect	Disconnect	
3G Card	Disconnected			Connect	Disconnect	
WIFI	Disconnected			Connect	Disconnect	Search

4.4.1.2 ADSL dial-up

Function position: Network | Network setting | PPPoE

Function introduction: ADSL dial-up;

Step 1:ADSL dial-up

1. Click **【setting】**
2. Write ADSL dial-up account name and password;
3. Click **【connect】**

[Note: After successful dial-up, it can dial-up automatically after restart DVR or outage.](#)

Step 2:Disconnect ADSL dial-up

1. Click **【disconnect】**

4.4.1.3 3G card dial-up

Function position:Network| Network setting|PPPoE

Function introduction: 3G card dial-up

Step 1:3G card dial-up

1. Click **【setting】**
2. Write card number/account/password

[Please take 5.2 3G card dial-up for reference for](#) number/account/password setting

4. Click **【connect】**

[Note: After successful dial-up, it can dial-up automatically after restart DVR or outage.](#)

Step 2:Disconnect 3G network card dial-up

1. Click **【disconnected】** .

4.4.1.4 WIFI connection

Some of our models support WIFI function; users can turn to your sales agent to check which model supports WIFI. To have this function user should purchase WIFI module firstly. WIFI module should be connected with USB port on the DVR. After that, please click search

button, choose the WIFI hotspot and input the password then.

4.4.1.5 DHCP gets IP automatically

Function position:Network| network setting

Function introduction:DHCP gets IP automatically in LAN

System Setup

General	PPPoE	Set
Channel	IP	192.168.16.84
Network	NetMask	255.255.255.0
Setting Service	GateWay	192.168.16.1
Alarm	DNS	202.102.128.68
System	MAC	E0:62:90:A7:3C:00
Device	Automatic(DHCP)	☒
	CloudSEE Port	9101
	CloudSEE ID.	A225608068
	Status	OnLine

Apply OK Cancel

Open DHCP steps:

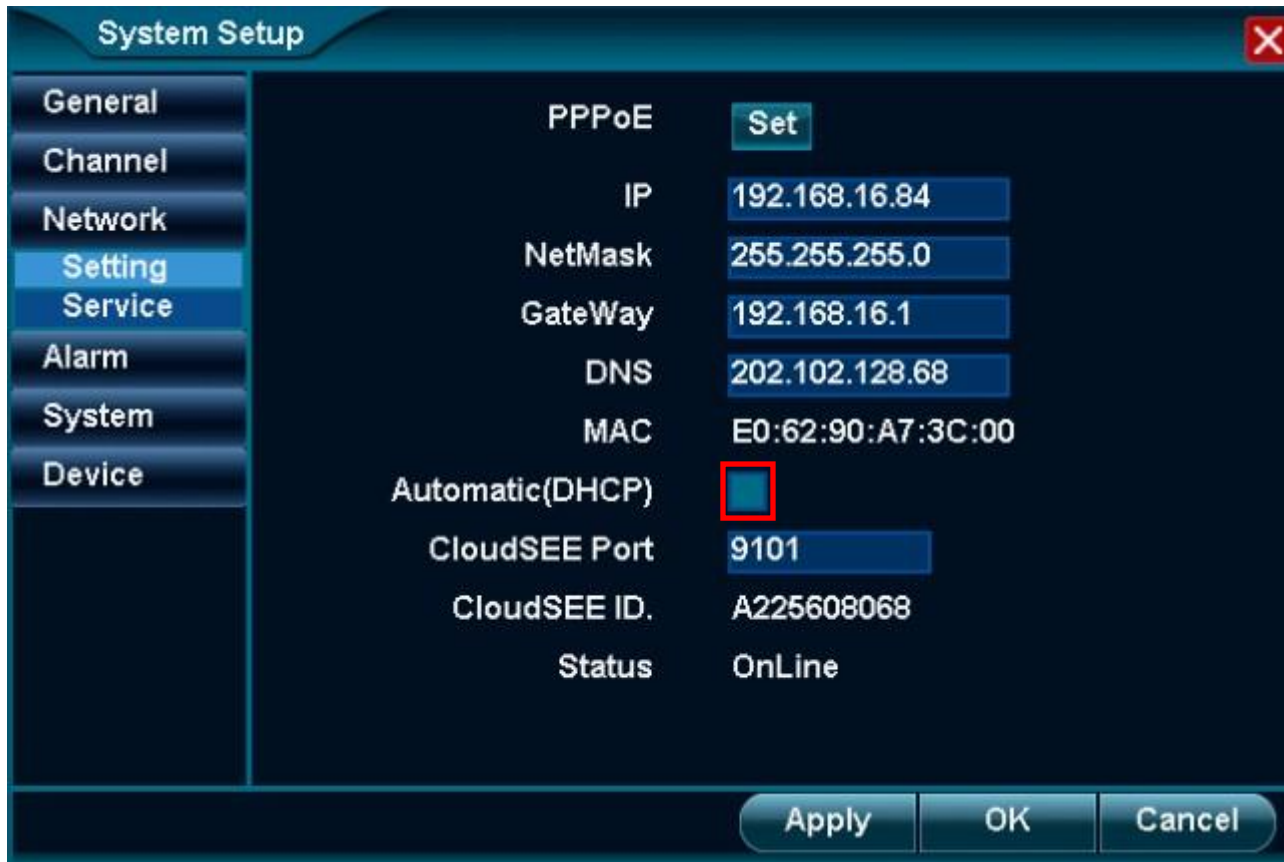
1. Confirm route to open DHCP, that can be used normally
2. Choose" Automatic IP (DHCP) ";
3. Click **【Apply】** or **【ok】** It can get IP automatically

Note: when using DHCP function, it can not make manual IP etc parameters setting

4.4.1.6 Manual setting IP

Function position:Network| network setting

Function introduction:Manual setting IP in LAN.



The image shows a 'System Setup' window with a sidebar on the left containing menu items: General, Channel, Network, Setting Service (highlighted), Alarm, System, and Device. The main area displays network settings for PPPoE. A 'Set' button is next to the PPPoE label. Below it, fields for IP (192.168.16.84), NetMask (255.255.255.0), GateWay (192.168.16.1), and DNS (202.102.128.68) are shown. The MAC address is E0:62:90:A7:3C:00. The 'Automatic(DHCP)' option is selected, indicated by a red square around its checkbox. Below this are fields for CloudSEE Port (9101) and CloudSEE ID. (A225608068). The Status is OnLine. At the bottom right are buttons for Apply, OK, and Cancel.

Setting	Value
PPPoE	Set
IP	192.168.16.84
NetMask	255.255.255.0
GateWay	192.168.16.1
DNS	202.102.128.68
MAC	E0:62:90:A7:3C:00
Automatic(DHCP)	☒
CloudSEE Port	9101
CloudSEE ID.	A225608068
Status	OnLine

Manual setting steps:

1. Cancel" Automatic IP (DHCP) "function;
2. Manual writing IP/ NetMask / Gateway/DNS
3. Click **【Apply】** or **【ok】**

4.4.2 Network service

Function position:Network| network service

Function introduction: 1. Realize web monitoring by WebCC

2. Realize Bi-directional talk between local and remote monitoring

4.4.2.1 WebCC

Function position:Network|Network service|WebCC

Function introduction: Realize web monitoring by WebCC; Connect with DVR by device IP



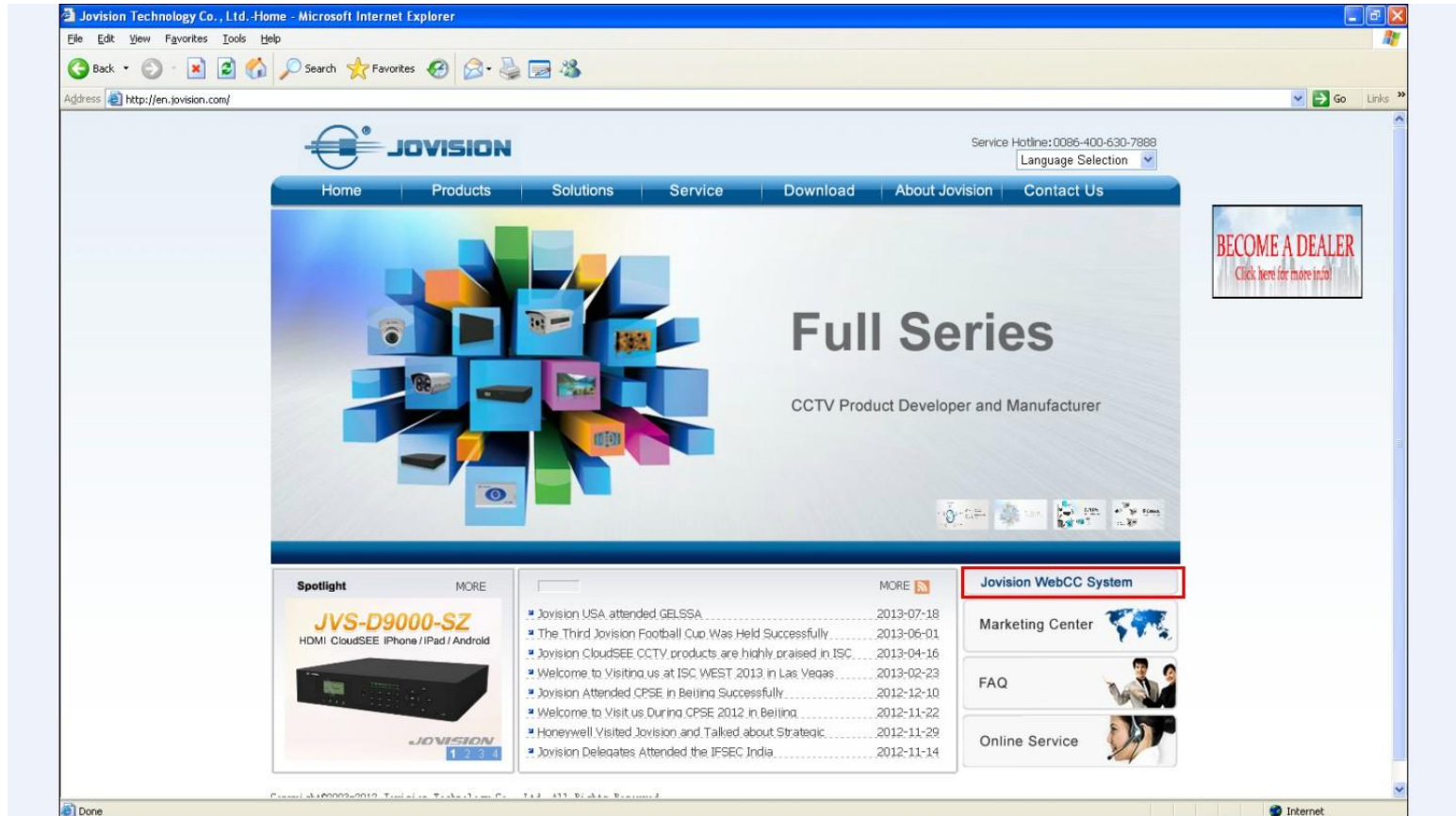
Step 1: Open WebCC function

1. Choose "WebCC";
If 80 port has been took up, pls Modify port number.
2. Click **【Apply】** or **【ok】** to save setting

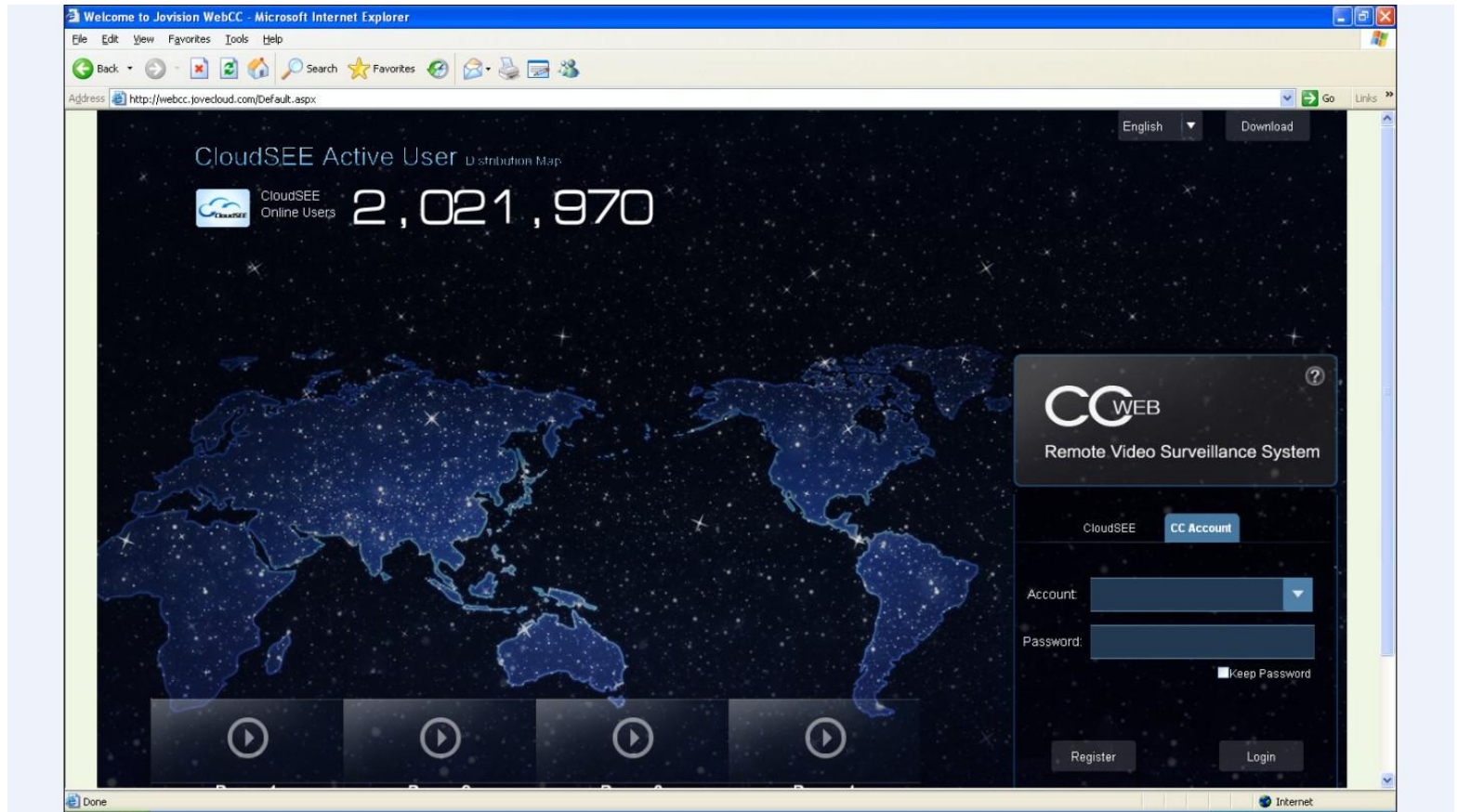
User Instruction

Step 2: Client-end use Webccc to connect with DVR

1. Please open <http://en.jovision.com> using IE browser
2. Click “Jovision WebCC System” in the right.



User Instruction



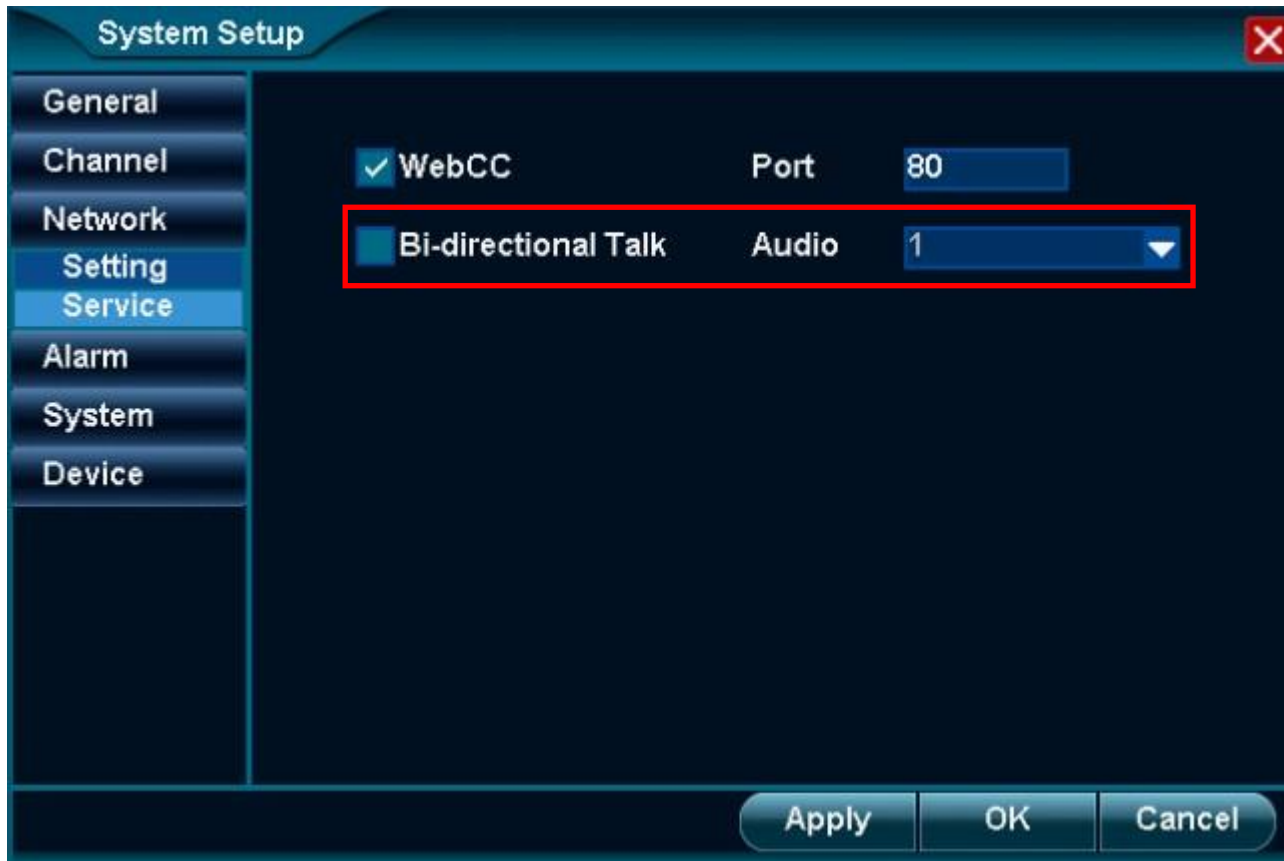
Note: IE setting: Tool/internet choice/Safe/Internet/ customization, open ActiveX plug-in

4.4.2.2 Bi-directional talk

User Instruction

Function position:Network|Network service| Bi-directional talk

Function introduction:Realize Bi-directional talk between local and remote monitoring



Step 1:Open Bi-directional talk

1. Choose“Bi-directional talk”;
2. choose“channel”,example“CH04”;

Step 2:Client-end open bi-directional talk

1. Client-end connect with DVR
2. Right click the linking window, choose Bi-directional talk

Note: Click  in WebCC, and can do Bi-directional talk

4.5 Alarm

Function position:System setup| Alarm

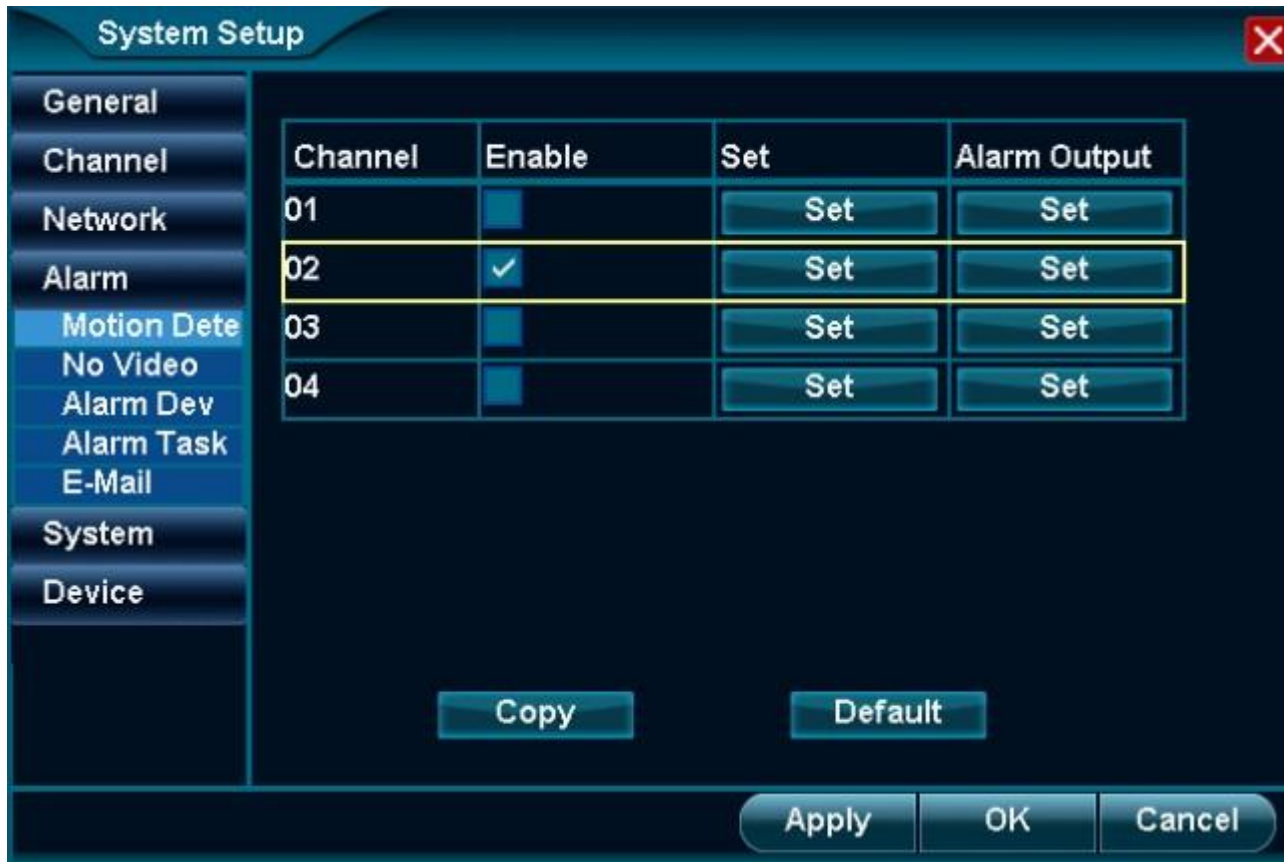
Function introduction: 1. Open motion detection alarm, and set alarm out
2. Open No video alarm, and set alarm out
3. Open alarm device, and set alarm out
4. Set Alarm task
5. Set E-mail alert
6. Set Alarm pre-record

4.5.1 Motion detection

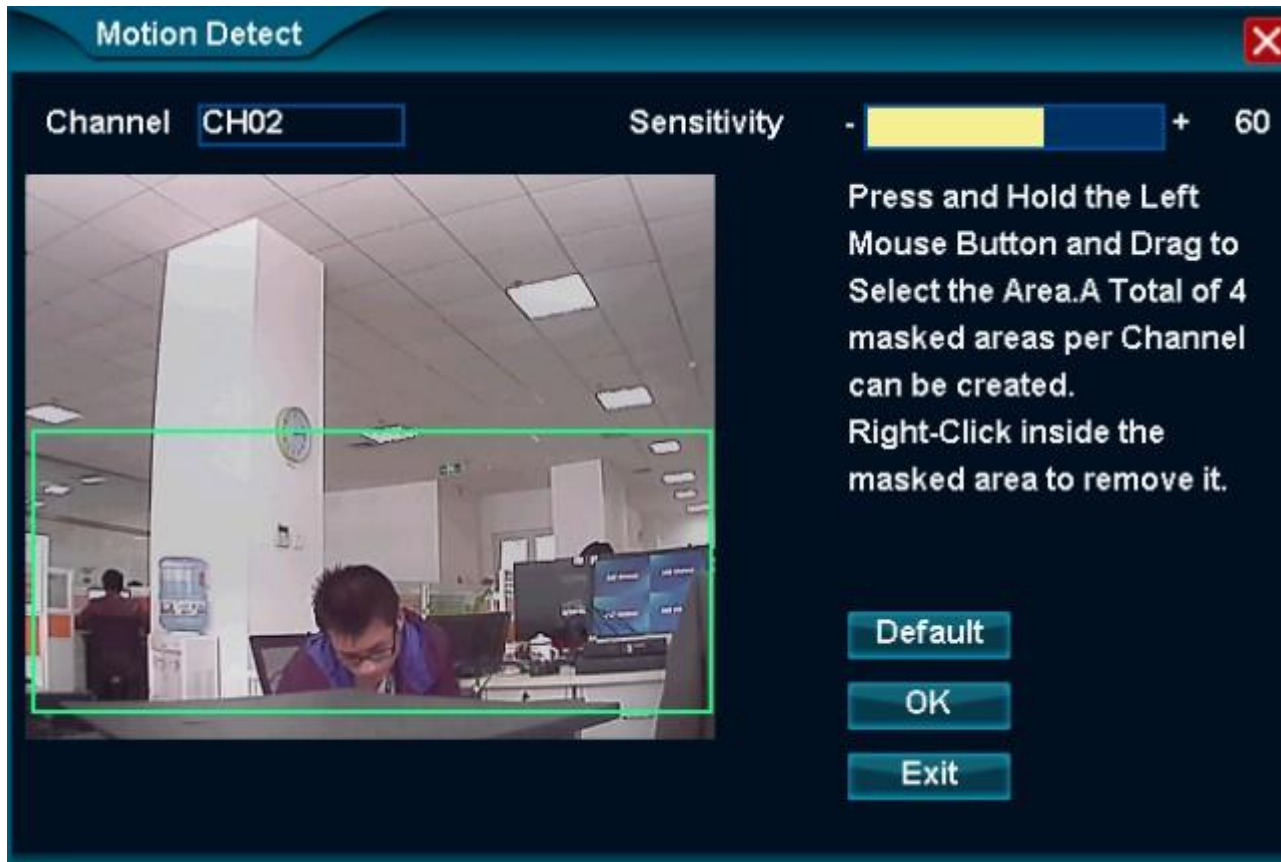
Function position:System setup| Alarm| Motion detection

Function introduction: When there is a move object, it can alarm and send alarm-out

Step 1: Choose channel, open motion detection



1. Choose "Enable";
Note: **Copy**, other channels can have same setting
2. Click **setting**



Step 2: Set motion detection part

1. Left click image as starting
2. Left click and move mouse at the same time to choose motion detection part
3. Release left click to finish setting

User Instruction

Note: It only can make motion detection in selected part.

4. Repeat 1—3, and the Max motion detection parts are 4
5. Click 【ok】 ,save setting

Step 3: Adjust sensibility of motion detection

1. Left click can adjust “Sensibility”

Note: The more number, the more sensible, the much easier to detect the move object

Step 4: Choose Alarm out



1. Click Alarm output 【setting】
2. Setting parameters:
 - ◆Keep Alarm:1-999s available
 - ◆Turn on the Buzzer: DVR will send out buzzer alarm

- ◆ Send to Client: It will send alarm to Client-end
 - ◇ Video channel: the Client-end connect with this channel
- ◆ E-mail alert: It will send emails to collection box
 - ◇ Send picture in attachment
- ◆ Start record: It will record the selected channels
- ◆ Call preset: It will adjust selected preset of PTZ channel
- ◆ Snapshot: It will snapshot the selected channel and save images.
- ◆ Output Module: It will open alarm for the relative device (normal close)

3. Click **【ok】** ,save setting

Step 5:Detect alarm setting

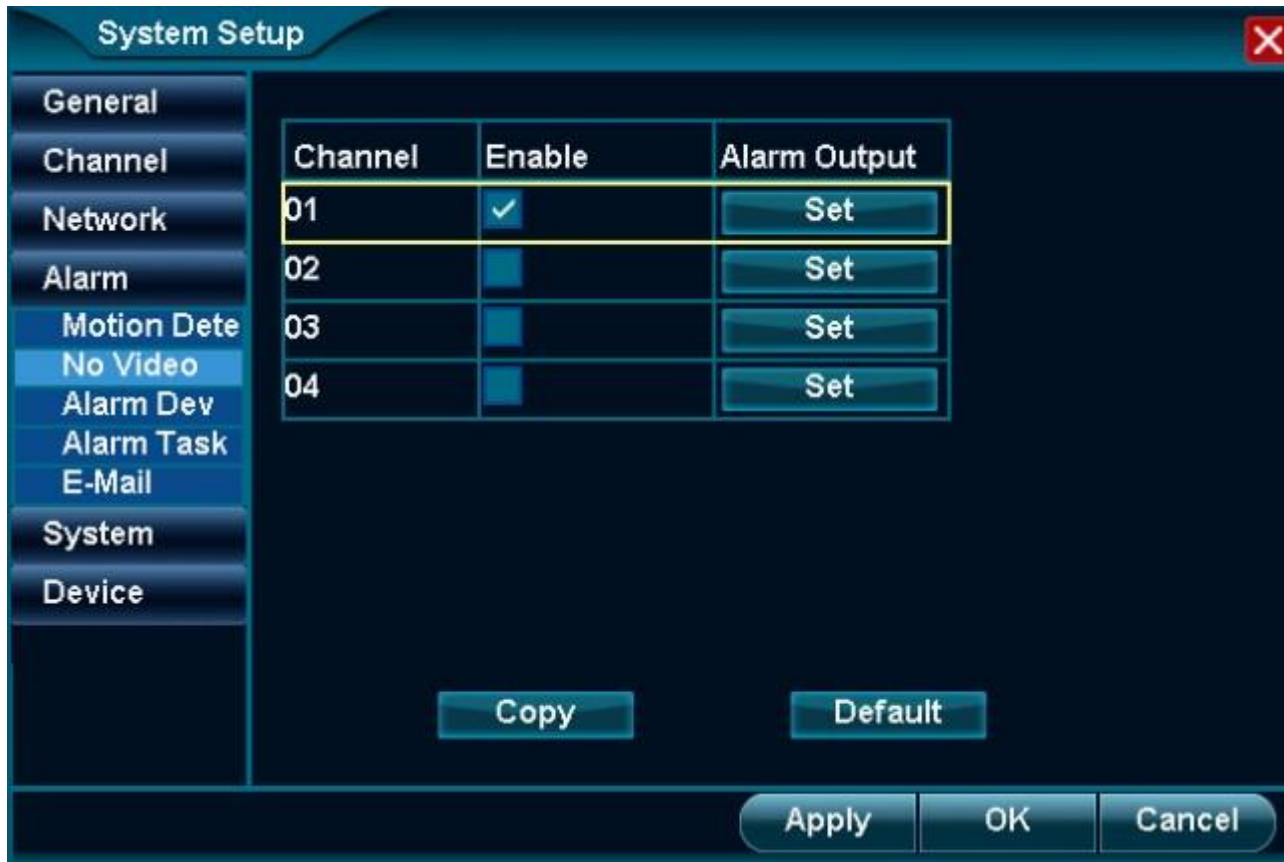
1. Touch selected channel motion detection, and it can send out alarm alert
2. Selected alarm out parameter setting work normally
3. Top menu will popup alarm coin, and record log at same time

4.5.2 No video

Function position:System setup| Alarm| No video

Function introduction: When detect no video, it will send alarm alert

Step 1: Choose channel, and open no video detection



1. Choose "Enable";

Note: **【Copy】** ,other channels can have same setting

2. Click **【set】**

Step 2:Setting parameter



The image shows a software window titled "Alarm Output" with a red close button in the top right corner. The window contains several configuration options for alarm settings. On the left, there are checkboxes for "Turn On The Buzzer", "Send To Client", "E-Mail Alert", "Send Snapshot", "Start to Record", "Call Preset", "Snapshot", and "Output Module". The "Keep Alarm" duration is set to "10 seconds". The "BR" (Baud Rate) is set to "2400". On the right, there are dropdown menus for "Video Ch" (set to "CH02") and "Addr" (set to "0"). The "Channel" is also set to "0". At the bottom, there are "Default" and "OK" buttons.

Parameter	Value
Keep Alarm	10 seconds
Turn On The Buzzer	☒
Send To Client	☒
E-Mail Alert	☒
Send Snapshot	☒
Start to Record	☒
Call Preset	☐ [Dropdown]
Snapshot	☒
Output Module	☒
BR	2400 [Dropdown]
Video Ch	CH02 [Dropdown]
Video Ch	CH02 [Dropdown]
Video Ch	CH02 [Dropdown]
Video Ch	CH02 [Dropdown]
Addr	0 [Dropdown]
Channel	0 [Dropdown]

1.Setting parameters:

- ◆ Keep Alarm:1-999s available
- ◆ Turn on the Buzzer: DVR will send out buzzer alarm
- ◆ Send to Client: It will send alarm to Client-end

- ◇Video channel: the Client-end connect with this channel
- ◆E-mail alert: It will send emails to collection box
 - ◇Send picture in attachment
- ◆Start record: It will record the selected channels
- ◆Call preset: It will adjust selected preset of PTZ channel
- ◆Snapshot: It will snapshot the selected channel and save images.
- ◆Output Module: It will open alarm for the relative device (normal close)

2.Click **【ok】** ,save setting

Step 3:Detect Alarm setting

1. Disconnected with the selected channel
2. Selected alarm out parameter setting work normally
3. Top menu will popup alarm coin, and record log at same time

4.5.3 Alarm device

Function position:System setup| Alarm| Alarm device

Function introduction:When touch alarm device, it will send alarm out.

Step 1:Choose “Alarm output”



The image shows a 'System Setup' dialog box with a sidebar on the left containing menu items: General, Channel, Network, Alarm, Motion Dete, No Video, Alarm Dev (highlighted), Alarm Task, E-Mail, System, and Device. The main area displays a table for configuring alarm devices. The table has five columns: ID, Enable, Addr, BR, and Alarm Output. There are four rows of data. The first row (ID 1) is highlighted with a yellow border. Below the table are 'Copy' and 'Default' buttons. At the bottom right are 'Apply', 'OK', and 'Cancel' buttons.

ID	Enable	Addr	BR	Alarm Output
1	☒	0	2400 ▼	Set
2	☐	1	2400 ▼	Set
3	☐	2	2400 ▼	Set
4	☐	3	2400 ▼	Set

1. Choose "Addr"
Note: Please choose the relative addr of alarm device
2. Choose "BR" type
Note: Please write the relative BR of alarm device

Step 2:Setting alarm output parameter 1

Channel	Alarm Output
0	Set
1	Set
2	Set
3	Set
4	Set
5	Set
6	Set
7	Set

Choose "addr"

Note: Please choose the relative addr of alarm device

Click 【set】

Step 3: Setting alarm output parameter 2



The image shows a software window titled "Alarm Output" with a red close button in the top right corner. The window contains several configuration options for alarm output. On the left, there are checkboxes for "Turn On The Buzzer", "Send To Client", "E-Mail Alert", "Send Snapshot", "Start to Record", "Call Preset", "Snapshot", and "Output Module". The "Keep Alarm" duration is set to "10 seconds". The "BR" (Baud Rate) is set to "2400". On the right, there are dropdown menus for "Video Ch" (all set to "CH02"), "Addr" (set to "0"), and "Channel" (set to "0"). At the bottom, there are "Default" and "OK" buttons.

Parameter	Value
Keep Alarm	10 seconds
Turn On The Buzzer	☒
Send To Client	☒
E-Mail Alert	☒
Send Snapshot	☒
Start to Record	☒
Call Preset	☒
Snapshot	☒
Output Module	☒
BR	2400
Video Ch	CH02
Video Ch	CH02
Video Ch	CH02
Video Ch	CH02
Video Ch	CH02
Addr	0
Channel	0

1. Click 【set】
2. Setting Alarm output parameters:

- ◆ Keep Alarm:1-999s available
- ◆ Turn on the Buzzer: DVR will send out buzzer alarm
- ◆ Send to Client: It will send alarm to Client-end
 - ◇ Video channel: the Client-end connect with this channel
- ◆ E-mail alert: It will send emails to collection box
 - ◇ Send picture in attachment
- ◆ Start record: It will record the selected channels
- ◆ Call preset: It will adjust selected preset of PTZ channel
- ◆ Snapshot: It will snapshot the selected channel and save images.
- ◆ Output Module: It will open alarm for the relative device (normal close)

2.Click **【ok】** ,save setting

Step 4:Detect Alarm device

1. Touch alarm device
2. Selected alarm out parameter setting work normally
3. Top menu will popup alarm coin, and record log at same time

4.5.4 Alarm task

Function position:System setup| Alarm| Alarm task

Function introduction:It only send alarm output in preset time

System Setup ✖

General

Channel

Network

Alarm

Motion Dete

No Video

Alarm Dev

Alarm Task

E-Mail

System

Device

Motion Detect
No Video
Alarm Dev

Channel	Enable	Start Time		End Time	
		Hour	Min	Hour	Min
01	☒	00	00	24	00
02	☐	00	00	24	00
03	☐	00	00	24	00
04	☐	00	00	24	00

Copy
Default

Apply
OK
Cancel

Steps:

1. Choose" Alarm types";"Motion detect/no video/Alarm Device" are available
2. Choose" Enable"
3. Modify" Start time"," End time";

Note: It only send alarm output in preset time.

4. Click **【Apply】** or **【ok】** ,save setting

4.5.5 E-mail alert

Function position:System setup| Alarm| E-mail

Function introduction: setting email alert parameters: sender setting, receiver setting, Interval etc

The screenshot shows a 'System Setup' window with a sidebar on the left containing the following menu items: General, Channel, Network, Alarm, Motion Dete, No Video, Alarm Dev, Alarm Task, E-Mail (highlighted), System, and Device. The main area is divided into two panels: 'Outbound Setting' and 'Inbound Setting'. The 'Outbound Setting' panel includes fields for SMTP (a dropdown menu), Port (a text box containing '25'), Security Type (a dropdown menu showing 'NONE'), User Name (a text box), Password (a text box), and Interval (a text box containing '1' followed by 'Min'). The 'Inbound Setting' panel features a list box with five empty rows and a vertical scrollbar. Below the list box is an 'Inbound Site' text box, and at the bottom are 'Modify', 'Add', and 'Delete' buttons. A 'Mail Testing' button is located at the bottom center of the main area. At the very bottom of the window are 'Apply', 'OK', and 'Cancel' buttons.

Step 1:Sender setting

1. Choose "SMTP";
[Note: can manual writing or choose exist email server](#)
2. Write user name and password

3. Modify" Interval" (1~99Min) ;
4. Click **【Apply】** ,save setting

Step 2:Receiver setting

1. Write email address in "Receiver Site"
2. Click **【Add】** ,then can add new receiver into list
3. Click **【Apply】** or **【ok】** ,save setting

Step 3:Mail Testing

1. Click **【Mail Testing】** ;
2. Detect the emails in collection box

4.6 System

Function position:System setup| System

Function introduction: 1.**Log:**Search, DVR log backup;Log:

2. Maintenance: Reboot setup, software update, import/export setting

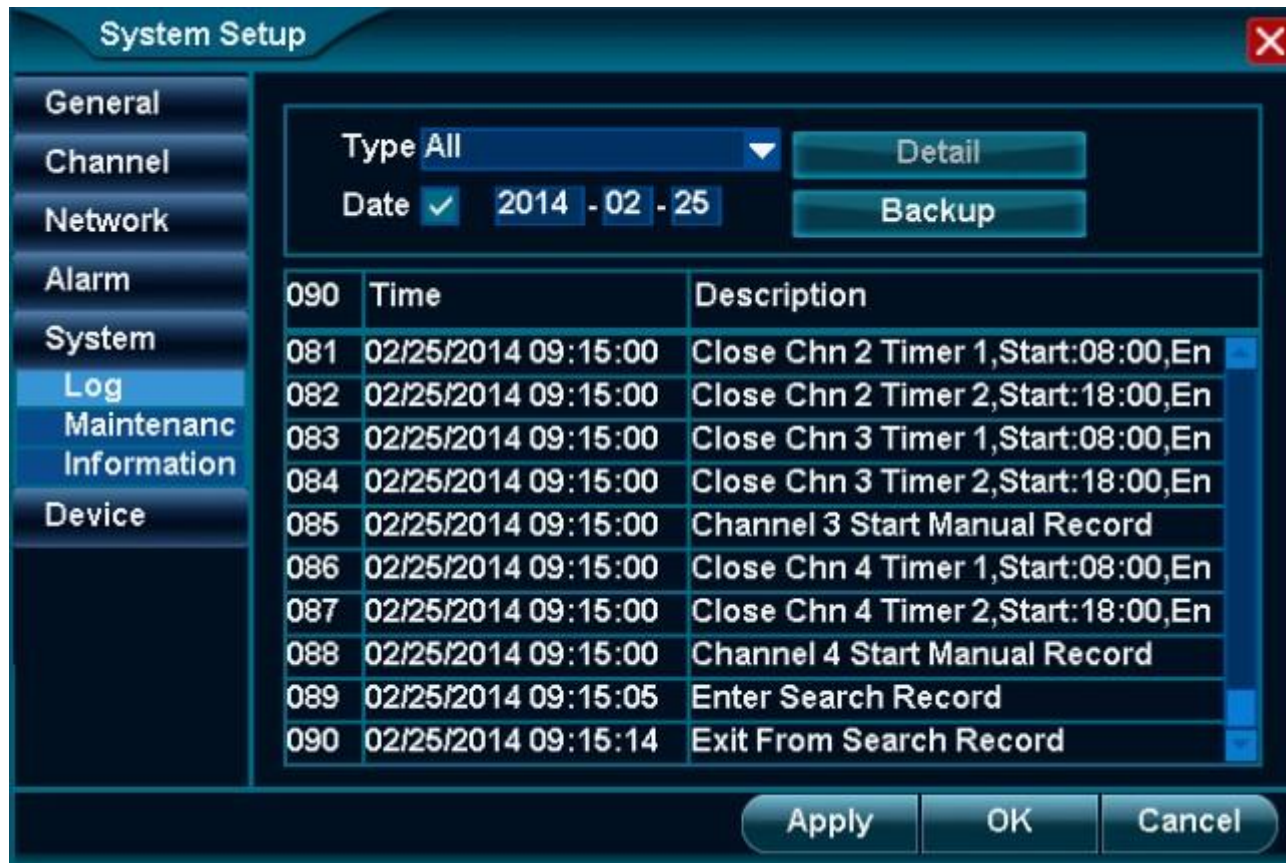
3.**Informatoin:** Search DVR hardware/software information

4.6.1 Log:

Function position:System| Log

Function introduction: 1. Search DVR operation log

2. Save the eligible logs into U disk



4.6.1.1 Log query

Step: Query this DVR's log

1. Select log type, eg system operation, login, etc.

2. Change query time

Note: Don't select above "Time", it will query all logs.

3. Click and select log, Single-click" Detail" to read more information.

4.6.1.2 Log backup

Step: Backup log into U-disk.

1. Insert FAT32 format U-Disk

2. Query qualified log.

3. Click "Backup" button to backup the log into U-Disk.

4.6.2 Maintenance

Function:

1. Time reboot: This DVR can be set reboot.

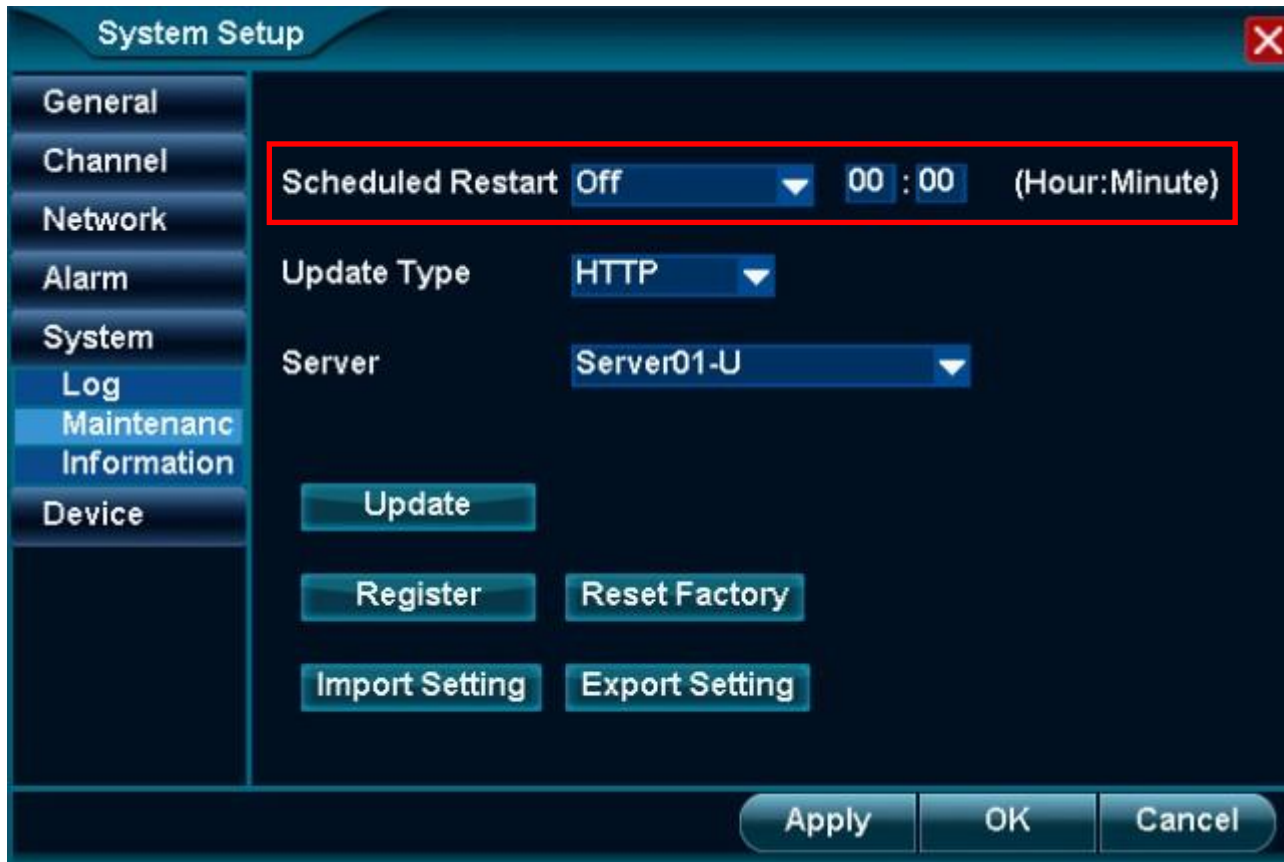
2. Software update: U-Disk, FTP server or website can be selected for update.

3. Import/Export setting: Export this DVR's setting into U-Disk. Import U-Disk' setting into this DVR.

4.6.2.1 Time Reboot

Location: System Setup | Maintenance | Reboot

Function: The reboot function is used to prevent from overmuch file fragments. There will be lots of file fragments at DVR system when it is in long-time running.



Step: Enable Time Reboot function

1. Select reboot date at "Reboot Setup". It takes week as standard.
2. Set reboot time, eg, 23:00.
3. Click "Apply" or "OK" to save setting.

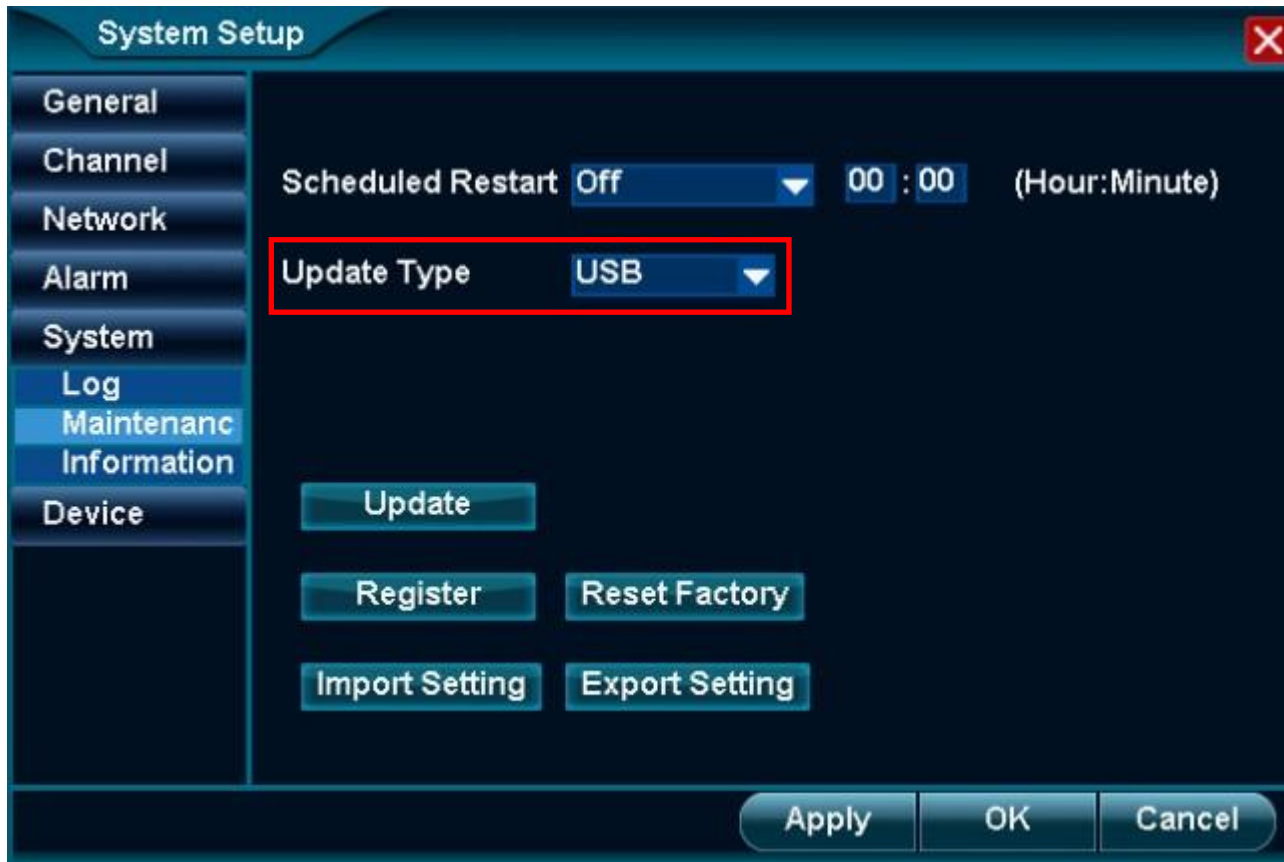
4.6.2.2 Software update

Location: System Setup | Maintenance | Update

Function: The software can be updated through USB, FTP or online update.

Note: When it is updated, the electric power can not be powered off, otherwise it will make the DVR unable to work..

4.6.2.2.1 USB update



Step:

1. Put updated files at FAT32 format U-Disk. These two files should be placed at root directory at U-Disk. Then insert

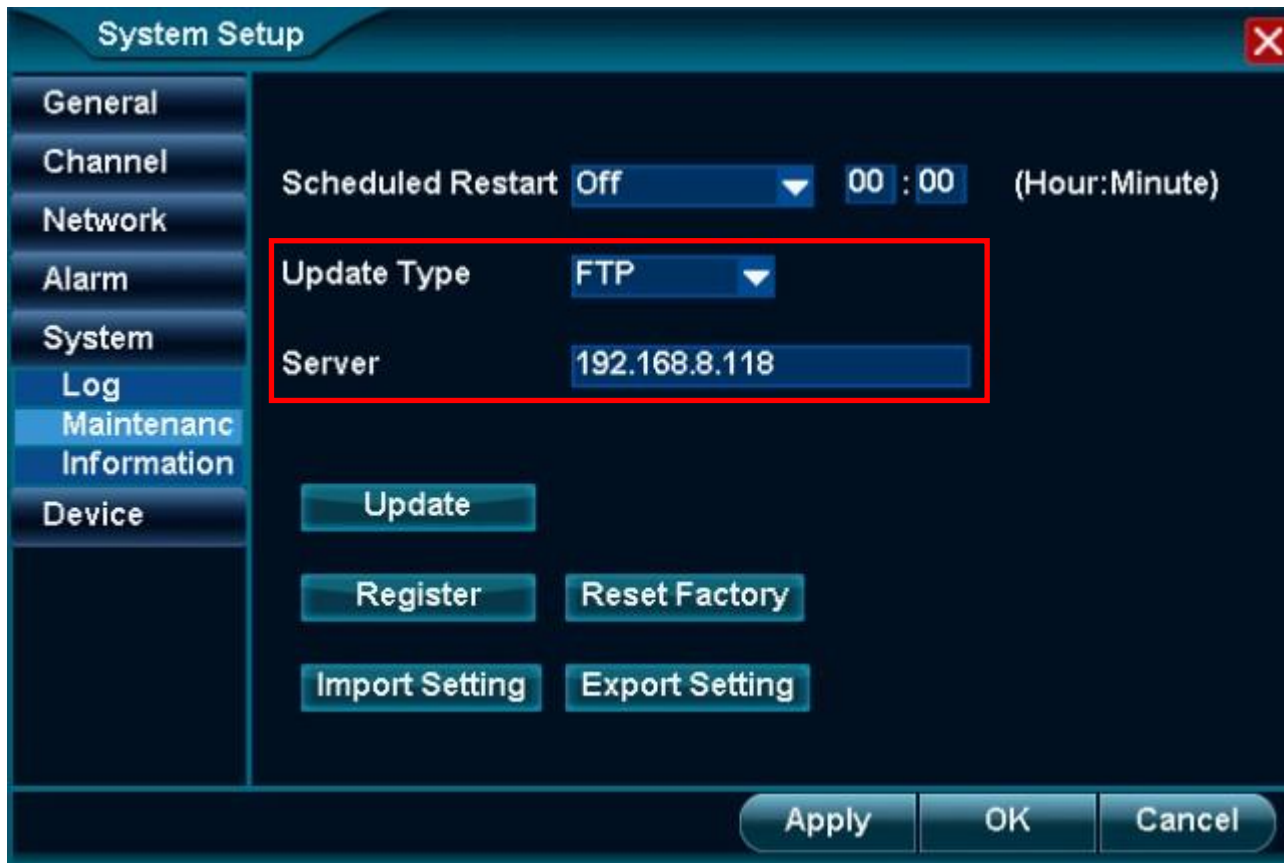
User Instruction

the U-Disk into DVR's USB port.

2. Select USB at "Update type".
3. Click "Update" button to finish this work.

Note: After update is finished, it will automatically reboot the DVR. When the DVR is started, it is the latest version.

4.6.2.2.2 FTP update



Step:

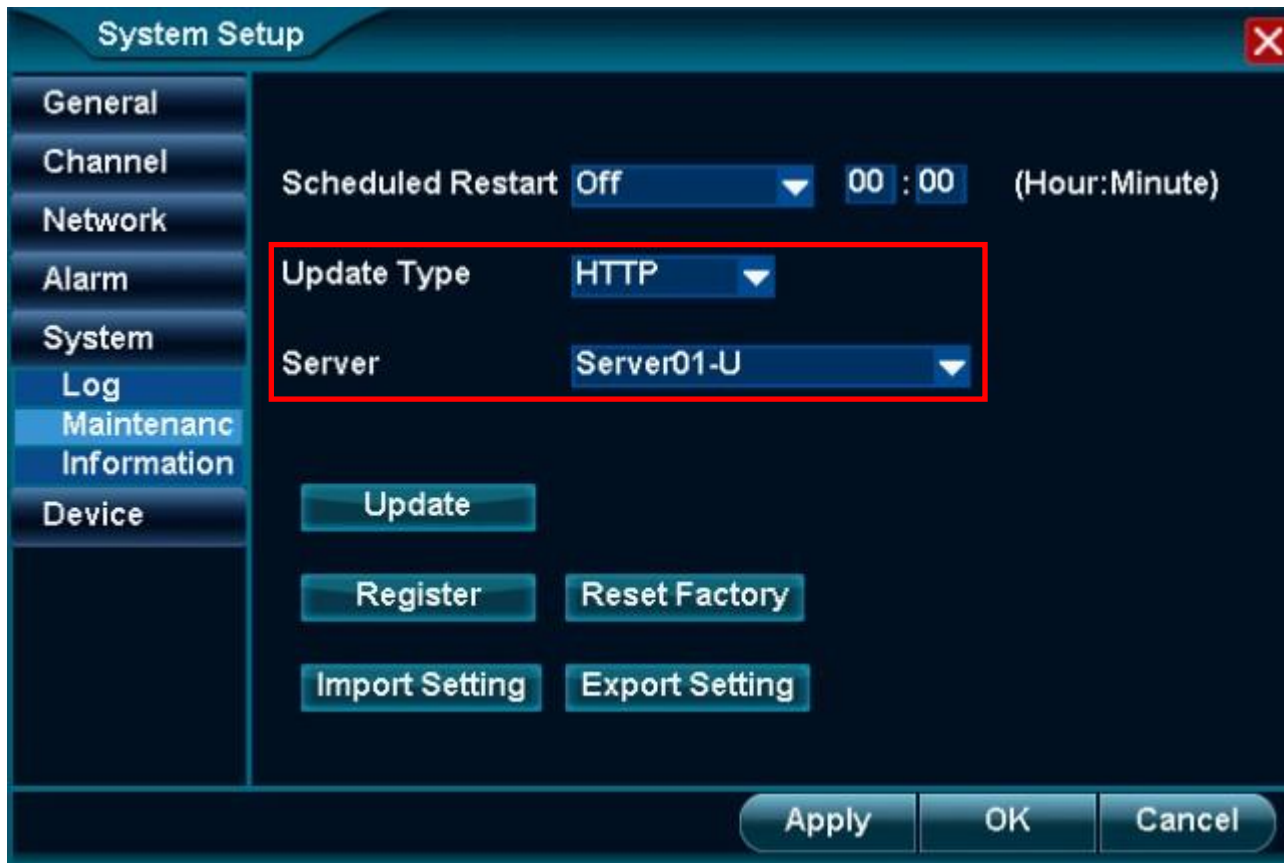
1. Place updated file at root directory at FTP server.

User Instruction

2. Select FTP at "Update type".
3. Modify "Server" address into FTP server's IP address.
4. Click "Update" button to finish this work.

Note: After update is finished, it will automatically reboot the DVR. When the DVR is started, it shall be the latest version.

4.6.2.2.3 HTTP online update



Step:1. Make sure the DVR is connected with internet.

2. Select" HTTP" at" Update type".

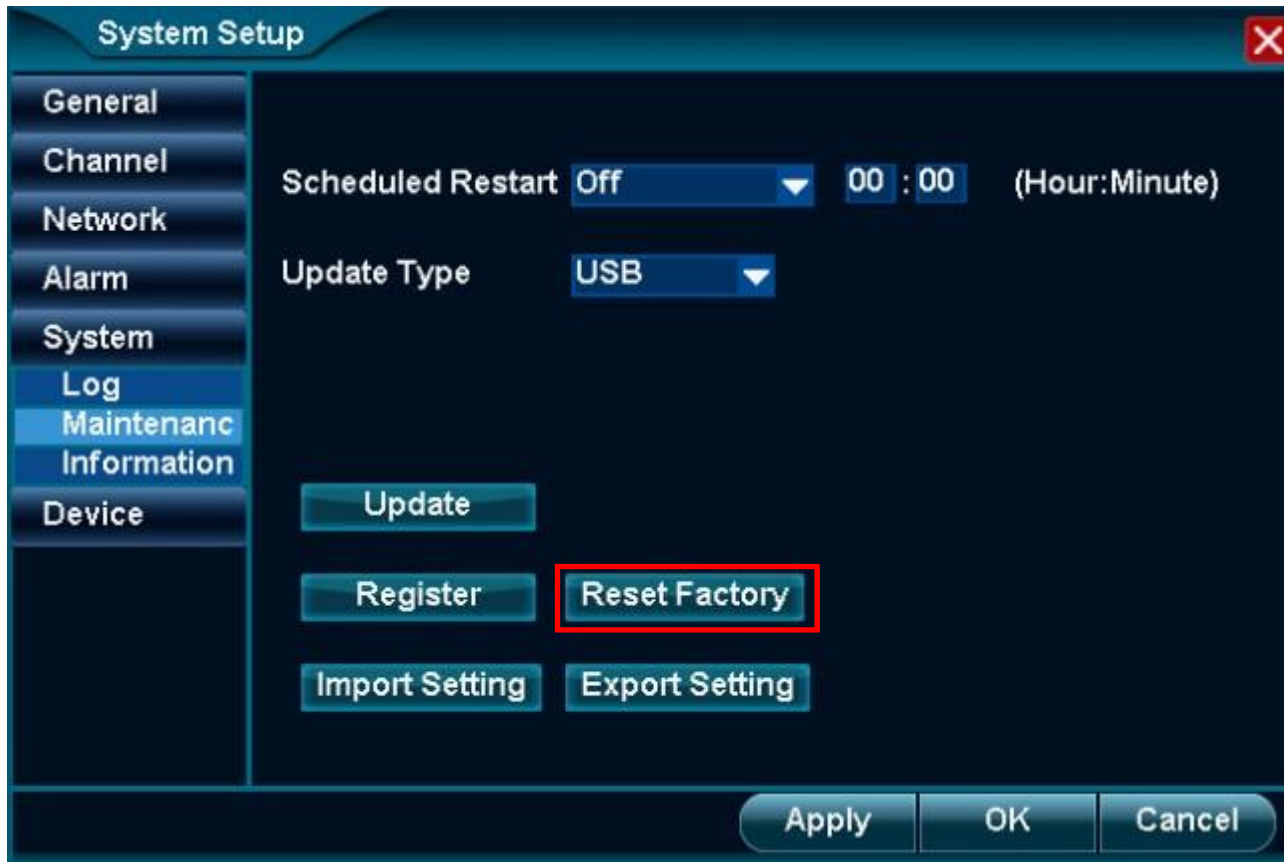
3. Select update server at “Server”.
4. Click “Update” button to finish this work

Note: After update is finished, it will automatically reboot the DVR. When the DVR is started, it shall be the latest version.

4.6.2.3 Reset factory

Location: System Setup |Maintenance| Reset factory

Function: All setting at this DVR can be restore factory setting.



Step: 1. Click “Reset Factory”.

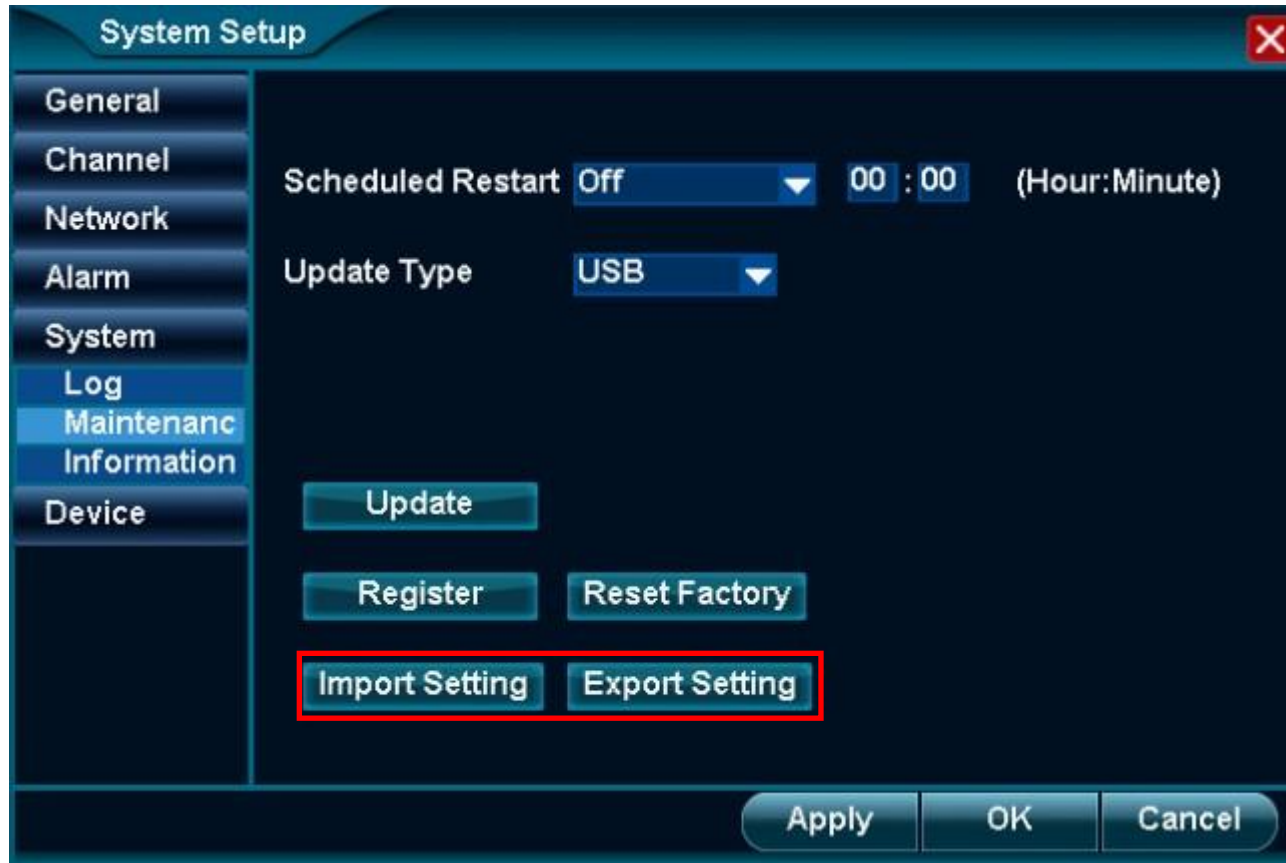
2. Click “Ok” at confirmation interface to reboot the DVR and then all original factory settings are restored.

4.6.2.4 Setting import/export

Location: Location: System Setup| Maintenance| export/import Setting

Function: 1.Export DVR's setting to U-Disk for backup.

2. Import the same setting from U-Disk to this DVR.



Step of Exporting:

User Instruction

1. Insert U-Disk with FAT32 format into DVR
2. .Click export setting

Step of Importing:

1. Insert U-Disk with FAT32 format into DVR and there are the settings of same model DVR at U-Disk.
2. Click" Import setting" button to import the setting from U-Disk to this DVR.

Note: The imported setting will be valid after the DVR is rebooting.

4.6.3 Information:

Location: System Setup|Maintenance|Information

Function: It can be used to query this DVR's serial number, software version's information or hardware version's information.



The image shows a 'System Setup' dialog box with a dark blue background. On the left is a vertical menu with tabs: General, Channel, Network, Alarm, System, Log, Maintenance Information (selected), and Device. The main area displays system information in a table-like format. At the bottom right are three buttons: Apply, OK, and Cancel. A red close button (X) is in the top right corner.

Category	Value
Product Model	JVS-D6004-S2
CloudSEE ID.	A225608068
Serial Number	15527
Software Version	V1.0.1.2164
Hardware Version	V1.0.0
Software release date	2014-02-24 16:35:58

4.7 Device

4.7.1 Storage

Location: Device|Storage

Function: 1.Query the inserted magnetic disk or hard disk's working mode.
2.Format inserted hard disk or U-Disk.



4.7.1.1 Hard disk(Hdisk is named in interface) working mode



When it is "Hdisk is full", please select "Overlay" or "Stop Recording".

Explanation of Hard disk working model

Working mode	explanation
--------------	-------------

Overlay	When capacity is not enough, delete earlier video files.
Stop recording	The reserved capacity can be set. When it is not enough, the video recording will be stopped.

4.7.1.2 Format

Step:

1. Click and select magnetic disk in the list.
2. Click "Format".
3. Click "OK" at confirmation interface.
4. The formatted magnetic disk can be used for storage or backup.

4.7.2 PTZ

4.7.2.1 PTZ adjustment

System Setup

General

Channel

Network

Alarm

System

Device

Storage

PTZ

Other Dev

Channel	Set
01	Set
02	Set
03	Set
04	Set

Copy

Default

Apply

OK

Cancel

User Instruction

A screenshot of a PTZ (Pan/Tilt/Zoom) configuration window. The window has a dark blue header with the title 'PTZ' and a red close button. The main area is dark blue with white text. It contains several configuration fields: 'Channel' with a text box containing '01', 'Addr' with a text box containing '1', 'Protocol' with a dropdown menu showing 'PELCO-D', and 'BR' with a dropdown menu showing '2400'. Below these are five toggle switches for 'Left Right Swap', 'Up Down Swap', 'Iris Zoom Swap', 'Focus Zoom Swap', and 'Zoom Swap', all currently turned off. At the bottom left are two buttons: 'Preset' and 'Patrol'. At the bottom right are two buttons: 'Default' and 'OK'.

PTZ

Channel 01

Addr 1

Protocol PELCO-D

BR 2400

Left Right Swap

Up Down Swap

Iris Zoom Swap

Focus Zoom Swap

Zoom Swap

Preset Patrol

Default OK

Step 1:

1. Click "Setting" at each channel to open the setting interface.
2. Input PTZ's address, protocol and BP.
3. Click "OK" to save above setting.

Step2: PTZ control interchange



4.7.2.2 Presetting point

Step1:Open presetting interface.



The image shows a software window titled "PTZ" with a red close button in the top right corner. The window contains a configuration interface for PTZ settings. It features several input fields and dropdown menus: "Channel" with the value "01", "Addr" with the value "1", "Protocol" with the value "PELCO-D", and "BR" with the value "2400". Below these are five toggle switches for "Left Right Swap", "Up Down Swap", "Iris Zoom Swap", "Focus Zoom Swap", and "Zoom Swap", all of which are currently turned off. At the bottom left, there are two buttons: "Preset" (highlighted with a red border) and "Patrol". At the bottom right, there are two buttons: "Default" and "OK".

Channel	01
Addr	1
Protocol	PELCO-D
BR	2400
Left Right Swap	☐
Up Down Swap	☐
Iris Zoom Swap	☐
Focus Zoom Swap	☐
Zoom Swap	☐

Preset **Patrol**

Default **OK**

1. Select PTZ channel.
2. Click "Setting" | "Preset" to open presetting interface.

Step 2:Add presetting point



1. Click PTZ direction button and select visual angle.
2. Input new preset series number at "Preset".
3. Click "Add" to add new preset point into the list.

Note:Click existing preset point in the list. Click"Delete" to delete selected point.

Step3:Call preset point(Menu function)



1. right-click menu or main menu to open "PTZ control" |"More".
2. Select preset point from preset point list.

User Instruction

3. Click "Goto" to make PTZ visual angle turn to this point location.

4.7.2.3 Patrol

Step 1: Open patrol setting interface.

A screenshot of a PTZ (Pan/Tilt/Zoom) configuration window. The window has a dark blue header with the title 'PTZ' and a red close button in the top right corner. The main area is dark blue with white text. It contains several configuration fields: 'Channel' with a text box containing '01', 'Addr' with a text box containing '1', 'Protocol' with a dropdown menu showing 'PELCO-D', and 'BR' with a dropdown menu showing '2400'. Below these are five rows of swap options, each with a checkbox: 'Left Right Swap', 'Up Down Swap', 'Iris Zoom Swap', 'Focus Zoom Swap', and 'Zoom Swap'. At the bottom left are two buttons: 'Preset' and 'Patrol'. At the bottom right are two buttons: 'Default' and 'OK'. The 'Patrol' button is highlighted with a red border.

PTZ

Channel 01

Addr 1

Protocol PELCO-D

BR 2400

Left Right Swap ☐

Up Down Swap ☐

Iris Zoom Swap ☐

Focus Zoom Swap ☐

Zoom Swap ☐

Preset Patrol

Default OK

1. Select PTZ channel
2. Click "Set" | "Patrol" to open patrol interface.

Step 2: Add preset point into patrol

The screenshot shows a software window titled "Cruise" with a red close button in the top right corner. Inside the window, there is a table with two columns: "Preset" and "Stay Time". The table has 10 rows, with the first row containing headers. Below the table, there are input fields and buttons. The "Preset" field is a dropdown menu, and the "Time" field is a text box containing the number "1". To the right of these fields are "Add" and "Delete" buttons. At the bottom of the window, there are "Save" and "Exit" buttons.

Preset	Stay Time

Preset Time

1. Select preset point from preset point list.
Adjust detention time at this preset point
2. Click "Add" to add this preset point into patrol.

User Instruction

3. **Note:**Click existing preset point in the list. Click“Delete” to delete selected point.
4. Click”Save”to save above setting.

Step 3:Call patrol to cruise



4.7.3 Other devices

4.7.3.1 Monitor's width and height

Location:Other Device| video output

Function: Width or height of output image can be adjusted on monitor



4.7.3.2 Device ID

Location :Device |Other Device|Device ID

Function:This DVR's device ID can be modified at range of 1~255. When the ID is matched with controller, the controller can control this DVR one to one.



Step of match device ID

1. Modify this DVR'S device ID.
2. Match device ID: Press following keys on controller gradually: 【DEV】 + 【5】 + 【OK】 .
Note: At the time, the controller can only be used to control this DVR and it is invalid to others.

- 5 Cancel match ID: Press following keys on controller gradually: **DEV】** + **【5】** + **【ESC】** to cancel the matched ID.

6 Appendices

6.5 Calculate hard disk capacity

Code rate	Video file capacity /hour
Min 113kbps	51MB
Default 600kbps	270MB
Max 1365kbps	614MB

6.5.1 Hard disk capacity convert

capacity convert at this DVR		capacity convert at operational system	
B	1 B = 8 b	B	1 B = 8 b
M	1 MB = 1000 KB	M	1 MB = 1024 KB
G	1 GB = 1000 MB	G	1 GB = 1024 MB

T	1 TB = 1000	T	1 TB = 1024
B	GB	B	GB

Note: On capacity convert at this DVR, hard disk manufacturer must be the same one and both adopt **1GB=1000MB mode**. It is not **1GB=1024MB mode** which is used on operational system.

6.5.2 Required capacity for video recording.

1. The video file for one channel's image at each hour.

$$A = B \div 8 \div 1000 \times 3600$$

2. The video file for N channels' image at each day.

$$A = B \div 8 \div 1000 \times 3600 \times 24 \times N$$

3. Video file for N channels' image for D days

$$A = B \div 8 \div 1000 \times 3600 \times 24 \times D \times N$$

Note: A indicates the required hard disk capacity. N indicates channel's quantity. D indicates days for video recording.

5.2 3G Network card dial-up

	Number	User name	password
Unicom	*99#		
Telecom	#777	card	card

7 Remote Monitoring



Install CloudSEE client-end Software. Then there will be a desktop icon
Double click the icon, there will pop up a login box.

Single ID Login: 1) Select “CloudSEE ID Login” in the left bottom.
2) Input the CloudSEE ID of the DVR.



3) Click Login.

User Instruction

The screenshot displays the CloudSEE video management software interface. The main area shows four camera channels (CH01, CH02, CH03, CH04) arranged in a 2x2 grid. Each channel displays a live video feed of a person standing in a room with a large white pillar and a red banner. The timestamp for all channels is 02/25/2014 09:25:47.

The right-hand side of the interface contains a control panel with the following elements:

- CloudSEE Logo:** A blue cloud logo with the text "CloudSEE" and a registered trademark symbol.
- Function Buttons:** A grid of blue buttons with icons for Link All, Link None, Record All, Stop All, Snapshot, Settings, Playback, and Advanced.
- Navigation Tabs:** Group, Remote, Devices, and PTZ.
- Search Bar:** A text input field with a "Search" button.
- Table:** A table with columns for Channel, Recording Time, and Location. The table is currently empty.
- Log Panel:** A section titled "02/25/2014" containing a list of system messages:
 - 09:25:43 Channel 4 is successfully connected(P2P)
 - 09:25:43 Channel 3 is successfully connected(P2P)
 - 09:25:43 Channel 2 is successfully connected(P2P)
 - 09:25:43 Channel 1 is successfully connected(P2P)
 - 09:25:43 Authorization certificate is not detected, you ca
- Progress Bar:** A horizontal bar showing 41% completion, with a green circle and the text "0.07K/S" and "80K/S".
- Bottom Bar:** A blue bar with icons for window management and a "25" button.

User Instruction

If you want to remote view many DVR Cameras at the same time, then you need to select “Local User Login” mode.

1) Select “Local User Login” in the left bottom.

2) Input User Name “abc” and password “123”, then login.(You may modify the user name or password in the DVR end)



3) Click “Setting” in the right, then pop up a box like bellow.

Select the source in which window you want to remote view.

Input the CloudSEE ID and channel number.

Digital Video Recording S

User Instruction

Right click the responding source you have figured, and click [Connect], then it will connect.

User Instruction

The screenshot displays the CloudSEE video management software interface. The main area shows four camera channels (CH01, CH02, CH03, CH04) arranged in a 2x2 grid, each displaying a live video feed of an office interior. The interface includes a control panel on the right side with various functions and a log window at the bottom right.

Control Panel Functions:

- Link All
- Link None
- Record All
- Stop All
- Snapshot
- Settings
- Playback
- Advanced

Navigation and Search:

- Group
- Remote
- Devices
- PTZ
- 02-25-2014
- Search

Log Window (02/25/2014):

- 09:28:22 Channel 2 is successfully connected(P2P)
- 09:28:22 Channel 4 is successfully connected(P2P)
- 09:28:21 Channel 3 is successfully connected(P2P)
- 09:28:21 Channel 1 is successfully connected(P2P)
- 09:28:17 Channel 4 is connecting
- 09:28:17 Channel 3 is connecting
- 09:28:17 Channel 2 is connecting
- 09:28:17 Channel 1 is connecting
- 09:28:14 abc has made settings to system.

User Instruction

Then you could view more DVR cameras following the above method.

The End